

# DNA OF ROULETTE

## TOPOLOGICAL INTERACTION OF THREE MATHEMATICALLY REGULATED BINARY PATTERNS

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*“Never become a Gambler who makes decisions on gut feel. Instead, become an intelligent Professional High Risk Taker who makes optimized rational decisions based on empirical evidence.”*

## THE EVOLUTION PROCESS

### **DNA OF ROULETTE: THE SIMPLEST GRAND WINNING STRATEGY (ORIGINAL)**

First Edition (December 2009), published as a Hardcopy Booklet and launched at a public seminar held in the Postgraduate Instituted of Management in Colombo, Sri Lanka on the 15<sup>th</sup> December 2009

Second Edition (January - May 2010)

Third Edition (June 2010)

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### **RUIN THE CITY OF LAS VEGAS: A ROULETTE SYSTEM BASED ON TOPOLOGICAL INTERACTION OF THREE REGULATORY PATTERNS (INTERIM)**

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Second Edition (23 March 2011)

Third Edition (10 April 2011)

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Fifth Edition (18 April 2011)

Sixth Edition (18 May 2011)

Enhanced MACRO and MICRO Strategies

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Newly discovered RCLV (SBS: SPIN-BY-SPIN) Strategy (using the logic of MACRO Strategy) and HYBRID Strategy (using the logic of MACRO Strategy) with Diagonal Observations

Ninth Edition (30 July 2011)

Excludes HYBRID Strategy and includes MACRO, DIAGONAL and SBS (optimized with completely new logic using the Game Direction Indicator Value) Strategies

Tenth Edition (13 August 2011)

Finalized MACRO and SBS (optimized with completely new logic using the Game Direction Indicator Value and MACRO logic) Strategies

Eleventh Edition (24 October 2011)

GRAND Strategy

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### **DNA OF ROULETTE: TOPOLOGICAL INTERACTION OF THREE MATHEMATICALLY REGULATED BINARY PATTERNS**

First Edition (31 January 2012)

RCLV-RACETRACK Strategy (guided decision making, using the concept of Base Value Indicator)

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# Expression of Gratitude

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I wish to express my heartfelt gratitude to my nephew **Mr. Dulan Padma Sudasinghe** who devoted his most valuable time in compiling my original book which was printed and published in 2009, editing numerous subsequent versions over a period of two years and ultimately creating this final version. In addition, Dulan spent sleepless nights and rendered his exceptional computer aptitude, skills and lateral thinking in developing the most valuable masterpiece of supplementary software with dedication and commitment of the highest order, despite repeated failures. Also, his magnanimous generosity must be acknowledged that he did all this work absolutely free of charge for the benefit of thousands of Roulette Players around the world. Had it not been for his inspirational support, I would never have achieved this task.

Furthermore, I shall never forget **Mr. Philip Malcolm**, the only person in this world who believed that I will one day accomplish the task of cracking the DNA of Roulette. Philip initiated the discussion forum in the Internet, maintained it and most importantly defended me in regard to criticism, sarcasm and cynical remarks made by the forum members. Also, Philip extensively and rigorously tested data and suggested the simplified wagering commencement methodology elaborated in this version. Interestingly, I know nothing about him; who he is or where he is from!

Also, I am extremely grateful to **Mr. Reggie Fernando**, the Sri Lankan correspondent of the London based Sri Lankan Newspaper "Newslanka" (WWW.NEWSLANKA.NET) which carried a full page article on Thursday the 9<sup>th</sup> June 2011 on the Law of the Third and the DNA of Roulette. Since then, this knowledge is used by Roulette Players in 53 countries around the world, as of now.

Last but not least, I wish to thank all those who reviewed my work and provided me with feedbacks by testing hundreds of large datasets. Their inputs, observations and remarks were of tremendous use in continuously improving, fine tuning and finally developing a system that yields a significant return in the long run, in view of the investment, risk and time spent. In addition, there are many others who facilitated numerous aspects of taking this wisdom to the world. You all contributed to accomplish a mission impossible.

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# Introduction

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Albert Einstein is alleged to have said that the Roulette Table can be outperformed only by stealing money when the dealers are not looking. Nassim Nicholas Taleb in his latest book, “The Black Swan”, argues that what people see as patterns associated with random events are mere illusions created in the mind. On the contrary, Edward Lorenz in 1960, in his Theory of Chaos, observed that occurrences of a repeated activity may appear to be random and unrelated, but eventually a pattern emerges in the short term. **SYSTEM RCLV** is founded on three identified patterns termed as **P1AM2A<sup>1</sup> (S1)**, **M1AP2A<sup>2</sup> (S2)** and **INV/P1AM2A<sup>3</sup> (S3)** which emerge from time to time and continue for a period, lengthy enough to be explored. Upon detection of emergence of such a pattern, a reasonable profit can be made on a nominal fixed investment (10-15 chips), by wagering only for Dozens & Columns. The criterion for strategy optimization in this system is based on the visually observable topological behaviour of the three above strategies.

The term “Winning” can be defined as earning a reasonable positive return in the long run, in regard to the initial investment, time spent for wagering and the risk factors associated with the System. In view of the practical constraints in real casino environments, a winning system shall possess the following characteristics:

1. Provide consistent, positive results.
2. Not be based on luck in any way, shape or form.
3. Limit any losses that do occur.
4. Be easy to follow and fun to play

The European Roulette Wheel has 37 numbers including Zero<sup>4</sup> and there are three categories of Dozens and three categories of Columns. The individual numbers including the 0 are termed as “Inside” and all other wagering categories are termed as “Outside”. There are specific table limits, in other words minimum and maximum wagering amounts pertaining to individual tables.

Four data sets comprising 30 data samples<sup>5</sup>, containing 37 consecutive spins in each data sample, obtained by randomly entering ongoing sessions in a Real Casino on real-play mode and by randomly accessing a highly reliable Live Internet Casino on live-spin, auto-spin and computer-simulated (RNG) modes respectively, were used in this research. The same original data samples obtained from a Real Casino and an Internet Casino are used throughout to optimize the Return on Investment (ROI). After a comprehensive optimization<sup>6</sup>, **SYSTEM RCLV** now yields a significant positive RO), with an acceptable relative frequency of failure.

The analysis of data revealed that the average occurrence of Distinct Numbers within 37 consecutive spins mentioned above is 24<sup>7</sup> and it is highly consistent among individual data tables. Based on this observation, an offline research was conducted and an empirical observation was made that if numbers are drawn X times from a collection of X different numbers<sup>8</sup> with replacement, **Y = 0.6291X + 0.2402** distinct numbers will be present among the X

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<sup>1</sup> If the sign is Plus, observe the sign just 1 record Above and if the sign is Minus, observe the sign just 2 records Above.

<sup>2</sup> If the sign is Minus, observe the sign just 1 record Above and if the sign is Plus, observe the sign just 2 records Above.

<sup>3</sup> The **Inverse** of what is directed by **P1AM2A**.

<sup>4</sup> **SYSTEM RCLV** has not been tested for American Roulette which has a 0 and a 00.

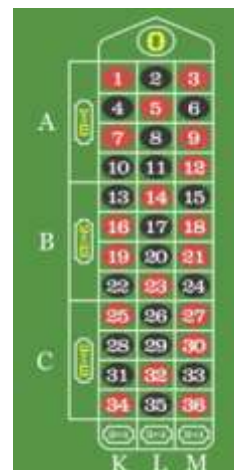
<sup>5</sup> The same data samples were used in compiling all editions of the book.

<sup>6</sup> Optimized from five different perspectives by (a) minimizing the fixed investment, (b) mitigating the risk with an entry value, (c) minimizing the waiting time to commence wagering with two types of entry points, (d) minimizing the number of spins wagered for and (e) maximizing the operational convenience.

<sup>7</sup> Gamblers those who have observed this inexplicable phenomenon call it the “Law of the Third”.

<sup>8</sup> For Regression purposes, each X number was tested for 30 data samples (from X = 1 to X = 50) and the mean value of distinct numbers in the 30 data samples was assumed to be the Y value corresponding to X.

numbers drawn. The Whole Number<sup>9</sup> pertaining to Y value shall be called COLONNE'S VALUE which is 24 for European Roulette, as X = 37. It is somewhat equivalent to a Centre of Gravity, even for any other kind of game<sup>10</sup>.



Further, it can be clearly observed that the statistical balances are perfectly maintained among all wagering categories (HIGH/LOW, RED/BLACK, ODD/EVEN, DOZENS, COLUMNS and NUMBERS) in the long run. This clearly implies that perfect randomness prevails in the long run from all perspectives and the person(s) who spins the ball have no control over the outcomes. Most importantly, it must be observed that there are asymmetries associated with two out of three individual DOZENS (one has only low numbers and one has only high numbers) and two out of three individual COLUMNS (one has eight blacks and four reds and one has four blacks and eight reds)<sup>11</sup>, on the roulette table layout. Also, it can be firmly established that the asymmetries associated with Dozens are more rigorous than the asymmetries associated with Columns. Similarly, there are asymmetries associated with the Roulette Wheel also (only reds and blacks are placed on the wheel in an alternative manner). Thus, an inference can be derived that the roulette table outcomes are externally regulated by forces of nature in order to maintain a nearly perfect overall statistical balance in the long run, especially among the DOZENS and COLUMNS, despite the asymmetries associated with them, while maintaining the Colonne's Value discussed above at 24. SYSTEM RCLV ultimately is an optimization of such a visually observed regulatory pattern (P1AM2A), which appears to be regulating the Roulette Table.

Hereafter, DOZENS 1-12, 13-24 & 25-36 are referred to as A, B & C (DOZEN IDs) and the COLUMNS beginning with the numbers 1, 2 & 3 are referred to as K, L & M (COLUMN IDs). The mean values for a session comprising 37 consecutive spins pertaining to the outside categories for the four data sets comprising 30 data samples are as follows:

Table 1

COLONNE'S VALUE	DOZENS			COLUMNS			HIGH/LOW		RED/BLACK		ODD/EVEN	
N/37	A	B	C	K	L	M	H	L	R	B	O	E
22.97	11.33	12.43	12.17	11.43	11.90	12.60	18.13	17.80	17.90	18.03	19.27	16.67

Table 2: Live Spin

COLONNE'S VALUE	DOZENS			COLUMNS			HIGH/LOW		RED/BLACK		ODD/EVEN	
N/37	A	B	C	K	L	M	H	L	R	B	O	E
23.73	12.13	11.93	11.93	12.43	10.70	12.87	18.00	18.00	17.83	18.17	17.27	18.73

<sup>9</sup> Rounded up to the nearest integer.

<sup>10</sup> The Colonne's Value for other kinds of games (e.g. Dice Games) can be derived by identifying the number of all equally probable likely outcomes and applying that number to the equation as X.

<sup>11</sup> Some roulette tables do not have column asymmetries and SYSTEM RCLV has not been tested for such tables.

Table 3: Auto Spin

COLONNE'S VALUE	DOZENS			COLUMNS			HIGH/LOW		RED/BLACK		ODD/EVEN	
N/37	A	B	C	K	L	M	H	L	R	B	O	E
24.00	11.80	12.07	12.23	11.77	11.67	12.67	18.53	17.57	18.20	17.90	18.53	17.57

Table 4: Computer Simulated

COLONNE'S VALUE	DOZENS			COLUMNS			HIGH/LOW		RED/BLACK		ODD/EVEN	
N/37	A	B	C	K	L	M	H	L	R	B	O	E
23.60	11.63	12.80	11.27	11.77	11.33	12.60	17.63	18.07	18.27	17.43	17.67	18.03

Colonne's Value and the overall statistical balances are highly consistent, irrespective of the mode of spinning. Therefore, Colonne's Value can be assumed as a universal triviality, arising from the linear equation discussed above.

Based on such observation, this new method of wagering termed as SYSTEM RCLV is discovered and it is much less complicated than the SYSTEM DNAR. The importance of SYSTEM RCLVE is that it can be used in a real casino without a computer using a parameter defined as the **Game Direction Indicator (GDI)** in the book "DNA Of Roulette: The Simplest Grand Winning Strategy" (9<sup>th</sup> Edition).

**Discovery of the mathematical equation underlying the Law of the Third clearly implies the predictability of occurrence of immediate future outcomes based on the past observations in repeated random events with replacement, which are perceived to be independent. In the case of European Roulette, the probability of occurrence of a particular number depends on the number of Distinct Numbers present within the past 24 outcomes which is termed as Colonne's Value, as explained in the previous book written by the author "DNA Of Roulette: The Simplest Grand Winning Strategy" (9<sup>th</sup> Edition). This book, "Ruin The City Of Las Vegas: A Roulette System Based On Topological Interaction Of Three Regulatory Patterns<sup>12</sup>" explains as to how three identified regulatory patterns topologically interact with each other and maintain the Colonne's value at 24 for a sample of 37 consecutive spins, while maintaining the perfect statistical equity among all wagering categories (Red/Black, High/Low, Odd/Even, Dozens/Columns & Numbers) in the long run.**

## Implications Arising from the Mathematical Equation Underlying the Law of The Third (Optional Reading)

The "**Law of the Third**" as observed and named by the Roulette Players is that approximately 1/3 of X (X = 37 for European Roulette and X = 38 for American Roulette) different numbers do not appear within X consecutive outcomes associated with a repeated random activity in quick succession, with replacement. After an extensive and a rigorous testing, the generic equation underlying this observation had been empirically established that if numbers are drawn X times from X different numbers with replacement, only  $Y = 0.6291X + 0.2402$  distinct numbers will be present among the X numbers drawn. Numbers ranging from 01 to 50 have been tested in the process of deriving the above generic equation. Each number had been tested 30 times with replacement and the average of distinct numbers present over the 30 data samples corresponding to each number (ranging from 01 to 50) were used as inputs in a regression analysis to establish the above equation. The best-estimated rounded-up Y value is termed as **Colonne's Value**.

<sup>12</sup> The existence and behavior of these regulatory patterns can be clearly observed by uploading a CSV file containing large datasets on to the Test Link and examining the respective GD Columns.

When 30 data samples comprising 37 consecutive spins in each sample taken from European Roulette tables in real and internet casinos using all three modes of spinning such as live, auto and computer-simulated were analyzed, majority of the data samples had 24 distinct numbers and the average number of distinct numbers per data sample was also found to be 24. If X is equated either to 37 or to 38 in the above equation, the rounded up whole number pertaining to Y value becomes 24.

The most significant practical implication of this equation is that it enables predictability of occurrence of immediate future outcomes based on the past observations in repeated random events with replacement, which are perceived to be independent. For example, in European Roulette, if the last 24 numbers are observed and if it contains 20 distinct numbers, such numbers should repeat approximately 9 times within the next 13 consecutive events and only 4 out of 13 remaining non-occurred numbers are likely to occur within the same 13 consecutive events.

With the discovery of the mathematical equation of the Law of the Third, the conventional wisdom in regard to randomness with replacement pertaining to equally probable likely outcomes perceived to be independent holds only until the activity is repeated Y times with replacement in quick succession. The moment the availability of past records becomes greater or equal to the Colonne's Value (Y), the probability of the next number to occur becomes dependent on the number of distinct numbers present (assumed to be N) within the Y number of past records. As elaborated in the chapter above where  $X = 37$ ,  $Y = 24$  and  $N = 20$ , only 4 ( $= Y - N$ ) out of 17 ( $= X - N$ ) numbers which are not among the 20 (N) distinct numbers are likely to occur within the next 13 ( $= X - Y$ ) consecutive events.

Therefore, within the next  $X - Y$  forthcoming consecutive events to be repeated in quick succession, the probability of occurrence of a number which does not belong to the N distinct numbers within the past Y consecutive spins is  $(Y - N) / (X - N)$ . Under the old assumption of the events being independent, such probability would have been  $13/37$  ( $((X - Y) / X)$ ) instead of  $4/17$ . Similarly, any number included in the 20 (N) distinct numbers found within the last 24 ( $= Y$ ) past outcomes have to repeat 9 ( $((X - Y) - (Y - N))$ ) times, within the next 13 ( $X - Y$ ) consecutive events, in order to maintain the Colonne's Value for 37 consecutive spins. Thus, the probability of a number among the N distinct numbers within the Y past outcomes occurring within the next  $X - Y$  forthcoming consecutive events is  $9/20$  ( $((X - 2Y + N) / N)$ ), in contrast to the  $13/37$  probability under the old assumption.

**This implies that after reaching the availability of Y past outcomes, the probability of occurrence of a number which is not included in N distinct numbers at the next event is  $(Y - N) / ((X - N) * (X - Y))$  and the probability of occurrence of a number which is among the N distinct numbers at the next event is  $(X - 2Y + N) / (N * (X - Y))$ , against the conventional wisdom of  $1/X$ . Also, such probabilities could vary from event to event as the N value can change from event to event.**

Also, the precision accuracy of the Gradient ( $m = 0.6291$ ) and the Interception ( $c = 0.2402$ ) is not significant in regard to making decisions based on the Law of the Third, as only positive integers are used as Y value for such purposes in reality and the variation could only be either +1 or -1, in integer terms. As the X value becomes higher, the impact arising from the variation becomes further insignificant to make decisions. Also, there always can be marginal deviations and exceptions that could occur in regard to the probabilities defined above.

From a practical perspective, the concept of Arc Elasticity of Demand in Micro Economics can be emulated in the new Paradigm of randomness with replacement as an **Arc Probability** coming into effect pertaining to the  $(X - Y)$  forthcoming events, provided that a minimum of Y past records are available. Also, the equation underlying the Law of the Third being generic, it can be emulated into many other areas such as dice games and lotteries.

# Coding Instructions

1. Treat Dozens and Columns independently.
2. Maintain two separate columns to code the Dozens (left) and the Columns (right).
3. Start coding with a Non-Zero number.
4. Code a Zero as (-) on both the left and the right columns, irrespective of the previous outcome.
5. Assume the Dozen ID and the Column ID of the previous record for Zero.
6. Compare the Spin Code (SC) of the current spin with the SC of the previous spin.
7. If the Dozen ID or the Column ID is common, code the last outcome as (+).
8. If the Dozen ID or the Column ID is different, code the last outcome as (-)<sup>13</sup>.
9. Any Non-Zero outcome immediately following a Zero must be compared with the first Non-Zero outcome above Zero(s).

Table 5

Spin Ref	OUTCOME	DOZEN ID	DOZEN SIGN	COLUMN ID	COLUMN SIGN
1	17	B		L	
2	1	A	-	K	-
3	5	A	+	L	-
4	26	C	-	L	+
5	0	C	-	L	-
6	1	A	-	K	-
7	16	B	-	K	+
8	25	C	-	K	+
9	0	C	-	K	-
10	0	C	-	K	-
11	19	B	-	K	+
12	22	B	+	K	+

<sup>13</sup> In the real environment Dozen IDs and Column IDs need not be recorded as the sign can be directly observed using the recorded data and the table layout.



# Preconditions & Definitions

1. Code Dozens (Ds) & Columns (Cs) after each spin and calculate the gain/loss separately.
2. The sum of gain/loss incurred on Ds and Cs, if strategy P1AM2A is used for wagering is defined as the **Net Spin Outcome<sup>14</sup> (NSO)**.
3. Use four (4) chips per spin to wager; two for the Dozens and two for the Columns.
4. Whenever a Dozen or a Column Sign is (+) in the last outcome, observe the sign of the record just one record above which is defined as the PIVOT SIGN for Strategy P1AM2A.
5. Couple the Pivot Sign with the respective Dozen/Column ID of the last outcome.
6. If the Pivot Sign is (+), wager 2 chips for the same Dozen/Column ID of the last outcome.
7. If the Pivot Sign is (-), wager 1 chip each for the other two Dozen/Column IDs.

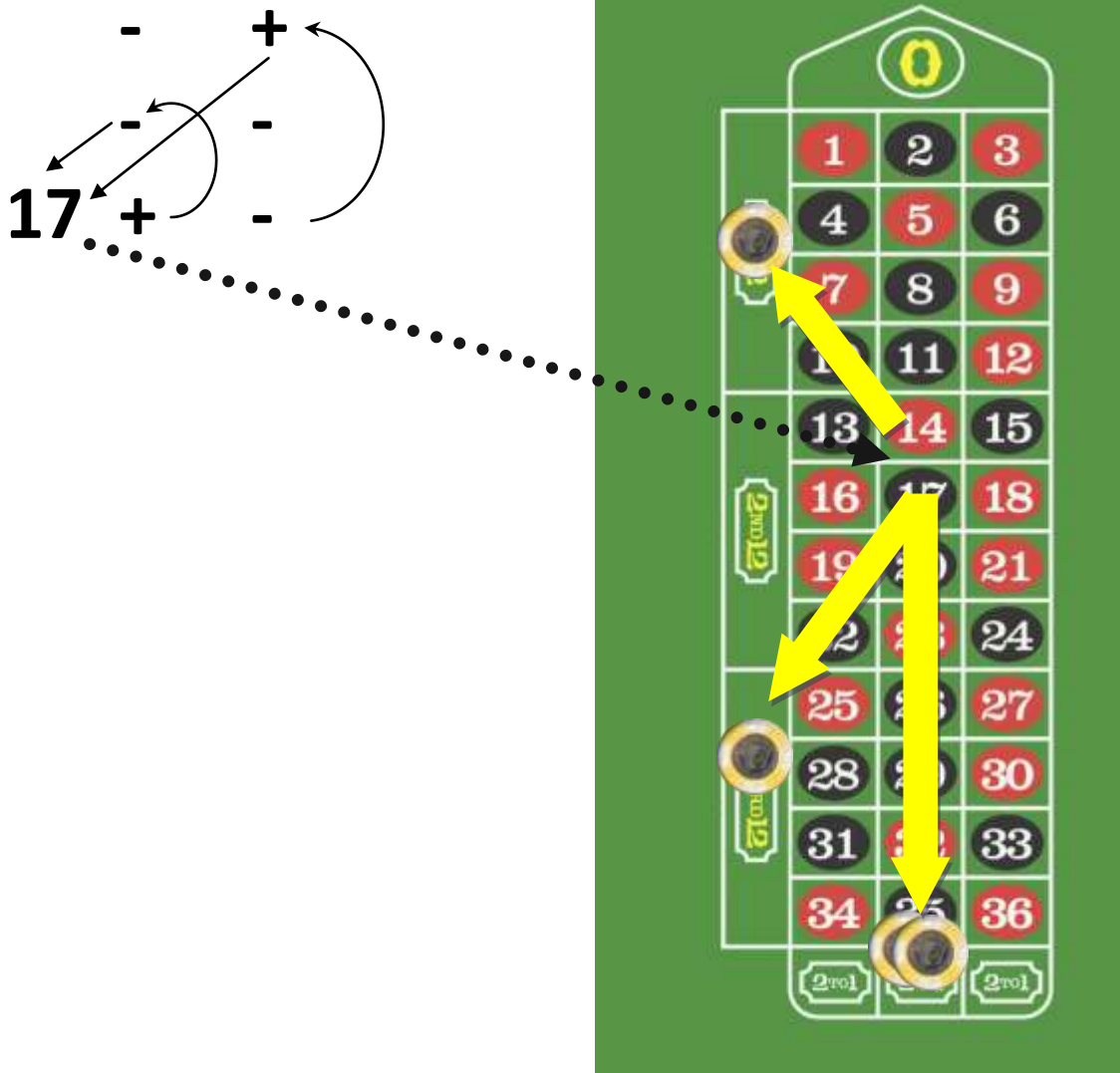
Table 6

Spin Ref	OUTCOME	DOZEN ID	DOZEN SIGN	WAGERED FOR	COLUMN ID	COLUMN SIGN	WAGERED FOR
1	17	B			L		
2	1	A	-		K	-	
3	5	A	+		L	-	
4	26	C	-		L	+	
5	0	C	-	1 × A, 1 × B	L	-	1 × K, 1 × M
6	1	A	-	2 × C	K	-	1 × K, 1 × M
7	16	B	-	1 × B, 1 × C	K	+	2 × K
8	25	C	-	1 × A, 1 × C	K	+	1 × L, 1 × M
9	0	C	-	1 × A, 1 × B	K	-	2 × K
10	0	C	-	1 × A, 1 × B	K	-	2 × K
11	19	B	-	1 × A, 1 × B	K	+	2 × K
12	22	B	+	1 × A, 1 × C	K	+	1 × L, 1 × M

<sup>14</sup> +8, +5 & +2 are the only possible Positive NSOs and -1 & -4 are the only possible Negative NSOs.

In order to reduce the complexity and the possibility of making mistakes, tabulate only the last outcome and the Dozen and Column Signs after every spin (without writing down the Dozen & Column IDs). By looking at the tabulated past records, observe the appropriate Pivot Signs for the next spin and couple them with the last outcome. Then, project the last outcome on to the table layout and place the chips as illustrated below.

*Illustration:*



# Computation of Game Direction Indicator

Table 7: Strategy P1AM2A

	OUT COME	DOZ. ID	DOZ. SIGN	DIRECTION TO WAGER FOR THE NEXT SPIN	NET SPIN GAIN	CUM. GAIN	COL. ID	COL. SIGN	DIRECTION TO WAGER FOR THE NEXT SPIN	NET SPIN GAIN	CUM. GAIN
1	19										
2	8	A	-				L	-			
3	11	A	+				L	+			
4	36	C	-	1 x A, 1 x B			M	-	1 x K, 1 x L		
5	16	B	-	2 x B	+1	+1	K	-	2 x K	+1	+1
6	19	B	+	1 x A, 1 x C	+4	+5	K	+	1 x L, 1 x M	+4	+5
7	27	C	-	1 x A, 1 x B	+1	+6	M	-	1 x K, 1 x L	+1	+6
8	22	B	-	2 x B	+1	+7	K	-	2 x K	+1	+7
9	2	A	-	1 x B, 1 x C	-2	+5	L	-	1 x K, 1 x M	-2	+5
10	9	A	+	1 x B, 1 x C	-2	+3	M	-	1 x K, 1 x L	+1	+6
11	36	C	-	1 x A, 1 x B	+1	+4	M	+	1 x K, 1 x L	-2	+4
12	6	A	-	2 x A	+1	+5	M	+	2 x M	-2	+2

Table 8: Strategy M1AP2A

	OUT COME	DOZ. ID	DOZ. SIGN	DIRECTION TO WAGER FOR THE NEXT SPIN	NET SPIN GAIN	CUM. GAIN	COL. ID	COL. SIGN	DIRECTION TO WAGER FOR THE NEXT SPIN	NET SPIN GAIN	CUM. GAIN
1	19										
2	8	A	-				L	-			
3	11	A	+				L	+			
4	36	C	-	2 x C			M	-	2 x M		
5	16	B	-	1 x A, 1 x C	-2	-2	K	-	1 x L, 1 x M	-2	-2
6	19	B	+	1 x A, 1 x C	-2	-4	K	+	1 x L, 1 x M	-2	-4
7	27	C	-	2 x C	+1	-3	M	-	2 x M	+1	-3
8	22	B	-	2 x C	-2	-5	K	-	2 x M	-2	-5
9	2	A	-	1 x B, 1 x C	-2	-7	L	-	1 x K, 1 x M	-2	-7
10	9	A	+	1 x B, 1 x C	-2	-9	M	-	1 x K, 1 x L	+1	-6
11	36	C	-	2 x C	+1	-8	M	+	1 x K, 1 x L	-2	-8
12	6	A	-	1 x B, 1 x C	-2	10	M	+	1 x K, 1 x L	-2	-10

Table 9: Strategy INV/P1AM2A

	OUT COME	DOZ. ID	DOZ. SIGN	DIRECTION TO WAGER FOR THE NEXT SPIN	NET SPIN GAIN	CUM. GAIN	COL. ID	COL. SIGN	DIRECTION TO WAGER FOR THE NEXT SPIN	NET SPIN GAIN	CUM. GAIN
1	19										
2	8	A	-				L	-			
3	11	A	+				L	+			
4	36	C	-	2 x C			M	-	2 x M		
5	16	B	-	1 x A, 1 x C	-2	-2	K	-	1 x L, 1 x M	-2	-2
6	19	B	+	2 x B	-2	-4	K	+	2 x K	-2	-4
7	27	C	-	2 x C	-2	-6	M	-	2 x M	-2	-6
8	22	B	-	1 x A, 1 x C	-2	-8	K	-	1 x L, 1 x M	-2	-8
9	2	A	-	2 x A	+1	-7	L	-	2 x L	+1	-7
10	9	A	+	2 x A	+4	-3	M	-	2 x M	-2	-9
11	36	C	-	2 x C	-2	-5	M	+	2 x M	+4	-5
12	6	A	-	1 X B, 1 x C	-2	-7	M	+	1 x K, 1 x L	+4	-1

# Application Software Logic to create the RACETRACK

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## SYSTEM LOGIC TO CREATE SIX TRACKING INDICATORS FOR DOZENS AND COLUMNS:

- Monitor the Net Spin Outcome (NSO) values with strategies P1AM2A (S1), M1AP2A (S2) and INV/P1AM2A (S3) for the Dozens (D) & Columns (C) independently (methodology is elaborated in the three tables above) from the 5<sup>th</sup> spin onwards.
- Track the Cumulative Gain on the Current Spin (C) for the six respective strategies (S1D, S2D, S3D, S1C, S2C & S3C), spin after spin.
- Create six Tracking Indicator (TI) columns namely D1, D2 & D3 for the Dozens and C1, C2 & C3 for the Columns, to track the Base Value (**BV**) of the strategies S1D, S2D, S3D, S1C, S2C & S3C.

### CONCEPT A:

- Set B = 0 for all six strategies, at the outset.
- Monitor the Base Value of the record above (BVRA) and the current record (BVCR).
- Observe the NSOs corresponding to the current spin (NSOCR) for the six categories, spin after spin.
- Calculate the value  $NSOCR + BVRA (=X)$  for S1, S2 & S3.

### CONCEPT B:

- If X is greater than 0, **move** the value of **X** to the respective TI column.
- A range of positive values starting and ending with a BV=0 on a TI column is defined as a **Wave**.
- Keep a track of the **highest BV** (=HBV) value for the each Wave, upon formation of a Wave.
- When HBV becomes greater or equal to 6 for the first time as a Wave is forming and if the NSO immediately following that becomes -2, **move 0** to the TI column.
- Calculate the value  $HBV - 6 (=Y)$ .
- If X is less or equal to 0, **move 0** to the TI column.
- Using CONCEPT A & CONCEPT B, create two Base Value columns for the two NHCG columns.

# Observation based Decision Making in the RACETRACK

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## PRILIMINARY OBSERVATIONS TO BE MADE TO IDENTIFY THE ELIGIBLE STRATEGIES TO WAGER:

- **STEP1:** Starting with a non-zero outcome, key in **all credible** past spin outcomes available.
- **STEP2:** Observe only the six columns with **STARs** next to strategies D1/D2/D3 (Dozens) and C1/C2/C3 (Columns) separately.
- **STEP3:** Count the number of **STARs in the last three consecutive spin outcomes** under D1/D2/D3 and C1/C2/C3. If there are **at least two STARs** within the last three consecutive spin outcomes, a strategy becomes **eligible** to wager for.
- **STEP4:** Make note of all such eligible strategies under Dozens/Columns separately and **examine the Current Record (CR)**. Identify **the eligible strategies with STARs on the CR**. Such strategies further **qualify for OUTSIDE<sup>15</sup> wagering** with higher value chips under the respective Dozen/Column. **If not**, they **qualify only for INSIDE<sup>16</sup> wagering** with lower value chips.

## REAL WAGERING WITH ELIGIBLE STRATEGIES (2 STARS IN THE 3 LAST CONSECURIVE SPINS):

**If only one strategy has become eligible under Dozens/Columns:**

- If there is a STAR on the CR, wager OUTSIDE for the respective Dozen/Column.
- If there is no STAR on the CR, wager INSIDE for the respective Dozen/Column.

**If two strategies have simultaneously become eligible under Dozens/Columns:**

- If at least one of them has a STAR on the CR and if the wagering directions are the same on the CR, wager OUTSIDE for the respective Dozen/Column.
- If neither of them has a STAR on the CR and if the wagering directions are the same on the CR and, wager INSIDE for the respective Dozen/Column.
- If the Wagering Directions on the CR are different (contradictory), refrain from wagering for the respective Dozen/Column.

**If the system directs to simultaneously wager for both the Dozens and the Columns:**

- Wager appropriately (OUTSIDE/INSIDE) for both the Dozens and the Columns.
- If both the Dozens and the Columns infer inside wagering, cover the areas common to both sides (intersections).

Most importantly, the system is now designed for continuous wagering. Thus, it is not possible to define exit rules. Therefore, it is left for the users to define their respective upper limits and lower limits to terminate a session. In the event of a loss, it is advisable to terminate a session after incurring a net loss of 10 – 15 chips.

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<sup>15</sup> Wagering outside the table for Dozens and Columns with higher value chips.

<sup>16</sup> The player has the flexibility (a) to top up the numbers that are likely to repeat from the immediate past outcomes and (b) to cover the entire area directed for wagering (without covering only the common area as illustrated below), using smaller value chips.

LL<sub>AC</sub>



AA<sub>KM</sub>



LM<sub>BC</sub>



AA<sub>KK</sub>



# Empirically Observed Guidelines

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- Strictly follow the guidance provided by the system and do not use either gut-feel or intuition.
- It is strongly advised to observe the number outcomes to commence wagering, without relying on what is shown on the EDPs in the Real Casinos (not a problem with the Internet Casinos).
- Place a chip of  $1/10^{\text{th}}$  of the value of a normal chip to cover "0" to avoid capital erosion at the outset.
- There is an advantage of keying in all accurate past spin outcomes available on the Electronic Display Panel to be consciously aware of the overall trend in the current context.

## Conclusion

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It is most evident that the probability of occurrence of a particular number as the next spin outcome varies from spin to spin, depending on the number of distinct numbers present within the last 24 spin outcomes (Colonne's Value for Roulette); based on the fact whether it is present among such distinct numbers or not. Also, the three regulatory patterns are formulated based on the last 4 spin outcomes. In summary, the **Old Hypothesis** of **Independent Events** needs to **be replaced** with the **New Hypothesis** of **Dependent Events** based on Past Outcomes.

## Disclaimer

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The user bears all the risks of either using SYSTEM RCLV-RACETRACK or any concept from this book, in entirety. The author of this book, Don A. R. Colonne, is neither responsible nor liable for any loss or damage incurred by a user for either having used SYSTEM RCLV-RACETRACK or using any concept from this book.

# Voluntary Gratification

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The author of this book sacrificed time, effort and resources for years to discover this most comprehensive grand winning strategy and decided to share such invaluable knowledge with the whole world absolutely free of charge with a magnanimous generosity, for the benefit of thousands of victims of gambling and to facilitate further research by the others based on this new discovery. Also, if a user wants to gratify the author, Don A.R. Colonne, a voluntary contribution out of the winnings could be remitted to his bank account<sup>17</sup> by way of a telegraphic transfer using the SWIFT Code [CCEYLKX1496856501](#) with an e-mail notification to [darcolonne@yahoo.com](mailto:darcolonne@yahoo.com). Such financial assistance would help the author continue with his ongoing initiative in educating the general public and the school children in Sri Lanka at his personal expense, especially the underprivileged rural communities, towards educating them, elevating their life expectations and inculcating a socially responsible value system into them, in line with his self-defined Life Mission “Acquiring, Creating and Sharing Knowledge”. When you make sufficient gains, visit Sri Lanka for a memorable holiday, the most beautiful country in the world which is known as the “Paradise on Earth”.

Don A.R. Colonne is currently indulged in authoring the book titled “**Above Rationality: Strategy and Decision Optimization Under Conditions of Uncertainty**”, which would be ready for publishing by June 2012 (international publishing rights are yet to be granted). This book addresses decision making from six perspectives; Contemporary Management Thought, Organizational Behaviour, Military Intelligence, New Institutional Economics, a Professional Hunter’s Experience and Randomness. The content of this book, enriched by the tacit knowledge and experience of the Sri Lankan Armed Forces, is offered on numerous postgraduate courses in Sri Lanka as an Elective Module, including the prestigious MBA Program of the University of Wales conducted by the Imperial Institute of Higher Education.

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<sup>17</sup> Any Sri Lankan who wishes to do the same could make remittances in Sri Lankan Rupees into either the Account No. [1500457801](#) with Commercial Bank or [0009-5000-0732](#) with Sampath Bank.