

RUIN THE CITY OF LAS VEGAS

THE SIMPLEST NON-MATHEMATICAL ROULETTE SYSTEM FOR INSIDE WAGERING

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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.”

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Introduction

The “**Law of the Third**” as observed and named by the Roulette Players is that approximately $\frac{1}{3}$ of X ¹ 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 established² 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 drawn³. 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**.

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 and mutually exclusive. 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 and mutually exclusive holds only until the activity is repeated Y times with replacement in quick succession. The moment the availability of past records reaches the Colonne’s Value (Y), the occurrence of a particular number outcome 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. In other words, the probability of occurrence of a number outcome which does not belong to the N distinct numbers within Y consecutive spins within the next $X - Y$ consecutive events repeated in quick succession is $(Y - N) / (X - N)$. Under the old assumption of the events being independent and mutually exclusive, 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. Thus, the probability of a number which has already occurred within the past 24 outcomes being repeated is $9/20$ ($(X - 2Y + N) / N$), in contrast to the $13/37$ probability under the old assumption.

From a practical perspective of playing Roulette, if all 20 (N) distinct numbers are repeatedly wagered for in the 13 ($X - Y$) forthcoming events, the probability of winning a particular event is $9/13$ ($(X - 2Y + N) / (X - Y)$). Under the conventional wisdom, the probability of winning an event with the same number set is $20/37$ (N / X). In contrast, the Law of the Third could dramatically enhance the winning probabilities, not only for Roulette, but also for any other game such as Craps, Lotteries etc., for which the X value can be precisely established.

¹ $X = 37$ for European Roulette and $X = 38$ for American Roulette and the Y value is 24 for both.

² The original data sets are downloadable from the website www.neworiginalthinking.com.

³ Published in the Book titled “**DNA Of Roulette: The Simplest Grand Winning Strategy**” authored by Don A.R. Colonne, which was launched on the 15th December 2009 at the Postgraduate Institute of Management in Colombo, Sri Lanka. The fully optimized 5th Edition (August 2010) of this e-book is downloadable from the above mentioned Author’s website.

The Law of the Third negates the old assumption of independent and mutually exclusive events, immediately upon the number of past records available reaches the Colonne's Value (Y), if an event is repeated with replacement in quick succession. Thereafter, in a manner similar to the concept of Arc Elasticity of Demand in Micro Economics, an **Arc Probability** comes into effect pertaining to the $(X - Y)$ forthcoming events. The probability of occurrence of a number which is not among the N distinct numbers among Y immediate past events is $(Y - N) / (X - N)$ and the probability of occurrence of a number which is already among the N distinct numbers being repeated is $(X - 2Y + N) / N$, within the next $X - Y$ forthcoming events. Under the old assumption, such probability of occurrence of any number is independent of N value and it is $(X - Y) / X$. Also, the probability of occurrence of any one of the N distinct numbers in any particular event within the next $X - N$ consecutive events is $(X - 2Y + N) / (X - Y)$ against the conventional wisdom of (N / X) .

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. This observation of Lorenz can now be explained and rationalized using the Law of the Third. The randomness and non-relatedness observed by Lorenz in the short term prevails until the number of events reaches the Colonne's Value and beyond that the patterns start emerging. A generic binary pattern termed as **P1AM2A** which yields a reasonable positive outcome had been observed during the research. Associated with this binary pattern, a few types of **Sine Curves** with varying amplitudes and wavelengths have been observed that could be tracked with a numerical analysis.

In conclusion, the predictability of an independent and a mutually exclusive random event within the next $(X - Y)$ forthcoming events dramatically enhances, as the N value becomes closer to Y. 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, as the Y value is subject to vary in specific contexts.

Net Yield in 30 Sessions within 13 Spins per Session⁴

CASINO TYPE	NET GAIN	FAILURE RATE FOR 30 SESSIONS	NUMBER OF ACTIVE SPINS AND NET RETURN PER SPIN	
Real Live	+1311	04	390	+3.36
Online Live	+0828	08	390	+2.12
Online Auto-spin	+0149	16	390	+0.38
Online Simulated	+0883	04	390	+2.26

If the data tables supplementing the above consolidated summary are carefully examined, it can be observed that the Colonne's Value is highly consistent among all modes of spinning and the nature endeavours to maintain it to the best possible extent.

⁴ The detailed supplementary data tables common to both SYSTEM COLONNE (OUTSIDE) and SYSTEM COLONNE (INSIDE) are downloadable from the author's website www.neworiginalthinking.com.

Wagering Methodology (Inside)

SYSTEM COLONNE (INSIDE)⁵:

Need to have 3 Data Recording Cards in hand at any given time.

STEP 1:

Observe the last 24 consecutive spin outcomes and identify the distinct numbers by marking them on the reverse side of a recording card (Card 1).

STEP 2:

Observe the last 11⁶ consecutive numbers from the numbers used in Step 1 and identify the distinct numbers by marking them on the reverse side of a different recording card (Card 2).

STEP 3:

Commence wagering for the first session comprising the next 13⁷ consecutive spins with the set of distinct numbers marked on the Card 1 (as in Step 1) and repeat them throughout the session. Record the numbers belonging to the 13 spins of the first session on the front side of the Card 1.

STEP 4:

Add the new numbers which occur during the first session on to Card 2, if such numbers are not among the numbers already marked on Card 2 (as in Step 2).

STEP 5

As the session progresses, start marking distinct numbers from the third-spin⁸ and onwards on a new recording card (Card 3).

STEP 6:

Upon completion of the first session, use the distinct numbers on the Card 2 and commence the second session comprising the next 13 consecutive spins immediately, from the very next spin. In other words, Card 1 becomes obsolete and the distinct numbers on Card 2 will become the numbers to be wagered for in the second session. Record the numbers belonging to the 13 spins of the second session on the front side of the Card 2.

STEP 7:

Upon commencement of the second session, add the new numbers which occur during the session on to Card 3, if such numbers are not among the numbers already marked on Card 3 (as in Step 5). Thus, the Card 3 will become the guide for the third session, if wagering continues.

⁵ The Steps given below are to play European Roulette (with a single zero). In order to Play American Roulette (with double zeros), follow the instructions given in the footnotes.

⁶ Last 10 numbers for American Roulette.

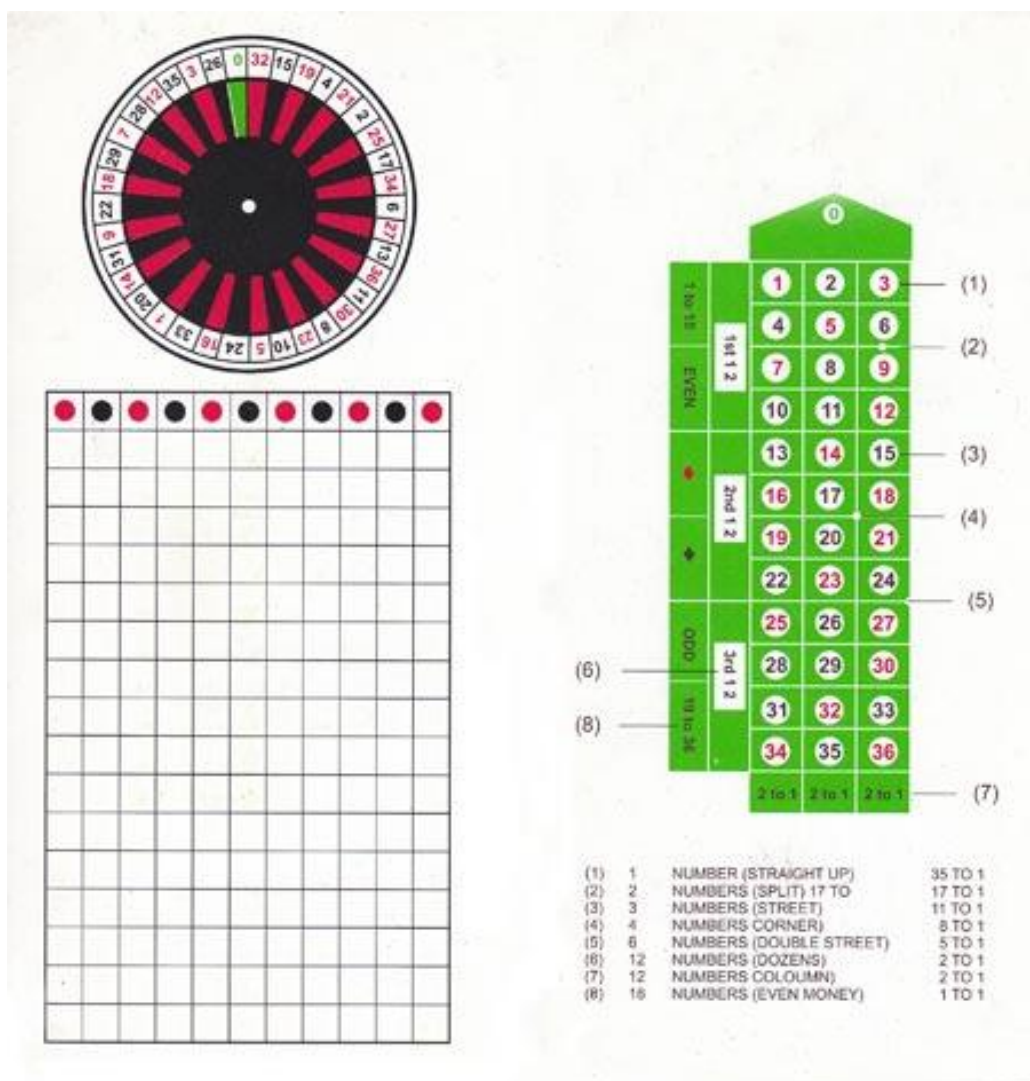
⁷ Next 14 consecutive spins for American Roulette.

⁸ Fifth-spin for American Roulette.

The process can be continued as long as the player wishes. The ideal start up capital is 96 chips (of whatever value) and an exit shall be made immediately upon the chips in hand becomes insufficient to wager for the next spin. As per the data tables, the best mode of playing SYSTEM COLONNE (INSIDE) is on Internet Casinos on the computer-simulated mode, provided that the simulation is genuine and the casino is reliable. However, the returns on auto-spin mode appear to be comparatively insignificant, in regard to the computer-simulated and live-spin modes.

Disclaimer

The user bears all the risks of either using the SYSTEM COLONNE (INSIDE) 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 the SYSTEM COLONNE (INSIDE) or using any concept from this book.



Providing User Feedback

The author of this book sacrificed time, effort and resources for years to discover this simplest grand winning strategy. Ultimately, he 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. Therefore, oblige the author with a feedback on usage of the SYSTEM COLONNE (INSIDE) by sending an e-mail to dnaofroulette@yahoo.com. Also, if a user of SYSTEM COLONNE (INSIDE) wants to gratify the author, Don A.R. Colonne, for having shared such invaluable new knowledge, a voluntary contribution out of the winnings could be remitted to his bank account by way of a telegraphic transfer using the SWIFT Code [CCEYLKLX1496856501](#) with an e-mail notification. Such financial assistance would help him 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 new value system into them, in line with his self-defined Life Mission “Acquiring, Creating and Sharing Knowledge”.

At last, 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 2011 (international publishing rights are yet to be granted). This book addresses decision making form five disciplines; Contemporary Management Thought, Organizational Behaviour, Military Intelligence, New Institutional Economics and a Professional Hunter’s Experience. 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.