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Review Paper

PATEL's Plan of Decimal Clock Further Explained

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***ABSTRACT**: The tie breaking of point five between one and zero re-explained with help of the Decimal Clock and rounding up 0.5 = 1and rounding down0.4 =0 supplemented by rounding up clockwise 0.5 = 1 and rounding up anticlockwise 0.5 =0, reason explained.*

This is a very general problem in sports, mathematics and daily life that in calculations where should go digits after decimal point? Patel plan of Decimal Clock is quite right for rounding off of decimal / point digits for only one time rounding off. Point five to point nine go into one or upper integer whereas point one to point four go into zero or lower integer scientifically based on the Decimal Clock, [1, Patel].But, when subsequent rounding off is needed in the same problem / solution then always possibility is either value may increase or decrease than the actual value is. So, this is a problem on a problem. If we round off 0.5 into 1 and again 1.5 into 2,then value increased by one. What happened: 0.5 = 1, 1.5 = 2, and then 1 + 2 = 3? Successive rounding off clockwise and rounding offanticlockwise should be followed to balance increase and decrease in value.First 0.5 rounded up clockwise into 1, and next0.5 rounded up anticlockwise into 0. What happened here: 0.5 = 1 and 0.5 =0, result is of 1as well as 0.5 + 0.5 = 1.Thus, in alternate rounding up clockwise and round up anticlockwise neither actual value increase nor decrease. The Decimal Clock reveals that its indicator in a complete round goes once up and once down, and alternately up and down subsequently which follows alternate right and left steps during walking of a man that is natural and scientific. The manner of counting of alternate rounding up and rounding down should be decided by majority or consensus of mathematicians. My view is that the first rounding up clockwise thereafter rounding up anticlockwise should be because first question is of tie breaking of point five between zero and one. The indicator of the Decimal Clock shown below in figure 1 reveals its upward movement from point five consequences is that the tie is broken into one, thereafter indicator moves downwards. Human walking is a natural scientific phenomenon which could experimentally be proved true. "Science is that pure knowledge which could experimentally be proved true"---Dr. Uma Shankar Patel. This definition was communicated to Madhya Pradesh Council of Science and technology (MPCOST), Bhopal in 2019.Thus, Patel Plan of Decimal Clock is scientific, right and justifiable.

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Thanks a lot to the God who made me able to think such an idea. Very much grateful to Prophet Jesus Christ whose disciples invented computer and internet by these means this work could get this shape.

REFERENCES:

[1]. Patel, Uma Shankar (2022), 0.5=1 and 0.4=0 as per Patel Plan of Decimal clock. Journal of Research in Applied Mathematics, Volume 8 - Issue 10, pp.: 59-60.

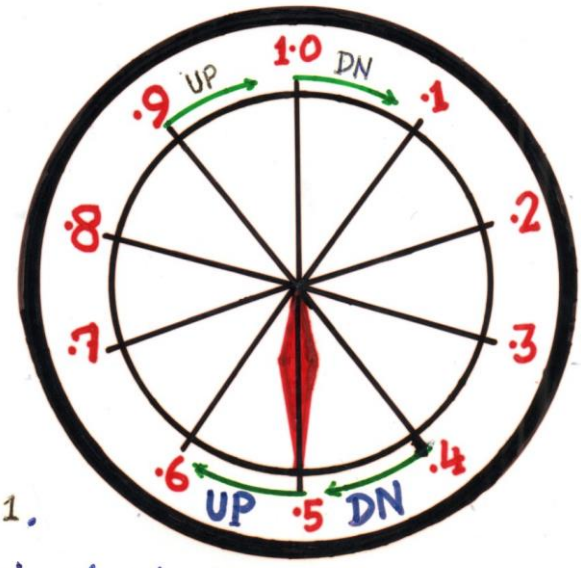

Fig-1.
Decimal Clock.