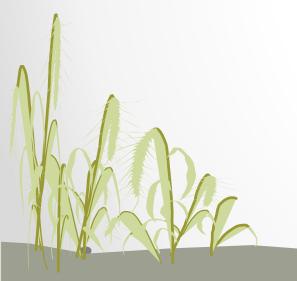
Interacting with matter and real-world using **Matrices of Sets**



Renaud Di Francesco IEEE and IET member



Once upon a time in India ...and elsewhere

Story of the chess player or inventor and the ruler:

-the chess player or inventor could claim any reward,

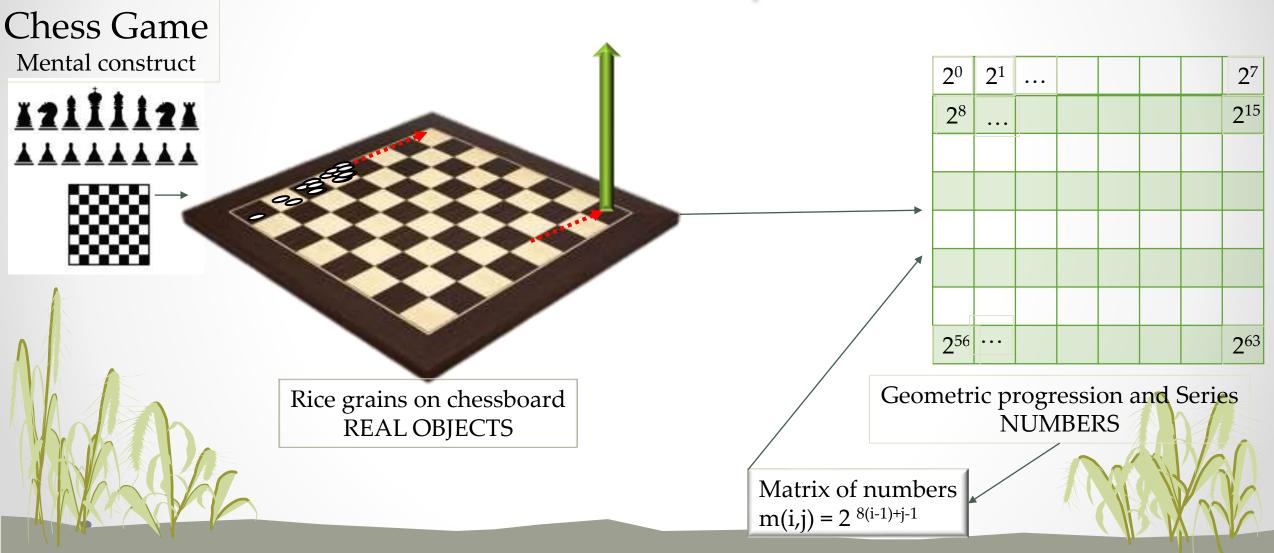
-chose grains of rice: twice as many, moving from one box of

the chessboard to the next.

The cumulated reward is the sum $1 + 2 + ... + 2^{63} = 2^{64} - 1$



The chessboard parabole



Matrices of Sets

between Objects and Quantities

