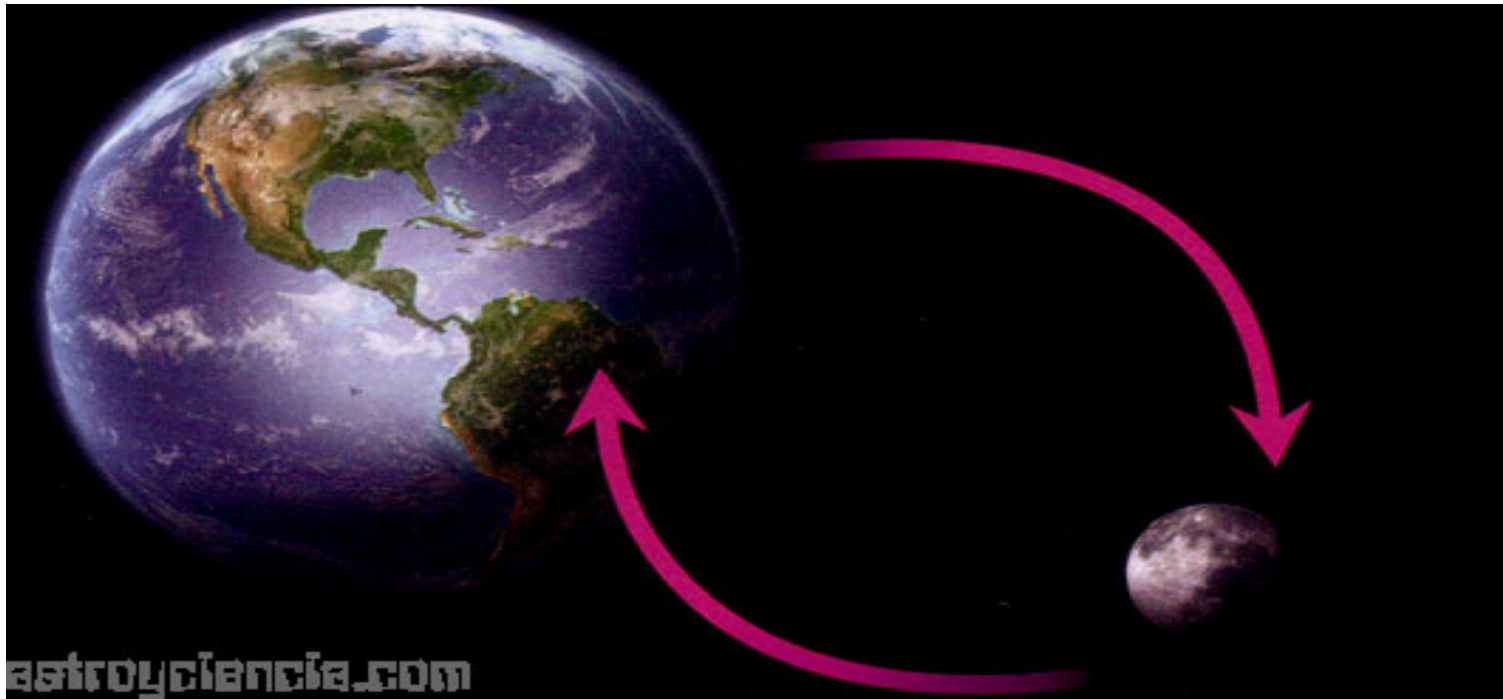- National University of Engineering

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Topic: simulation

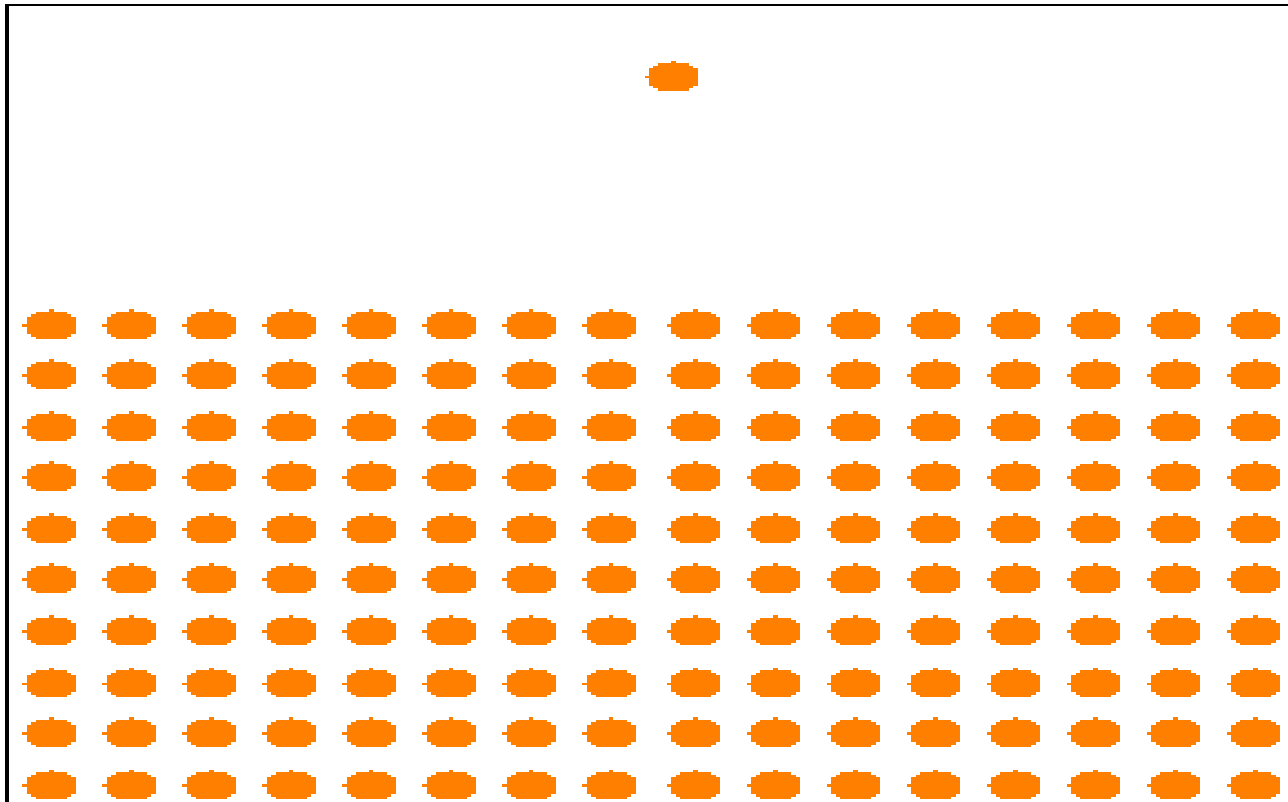Simulation is the imitation of the operation of a real-world procces or system over time.

- The act of simulating something first requires that a model be developed , this model represent the key characteristics , behaviors and functions of the selected physical or abstract system or procces . The model represent the system itself , whereas the simulation represents the operation of the system over time.

- It's fields can be divided into a variety of theoretical and practical disciplines.

- Example of simulation: n-bodies

- It's example of simulation in physics: the problem two-bodys .

Example of simulation: molecular dynamic in a liquid

time 0.0041 ps

Application of simulation : medicine