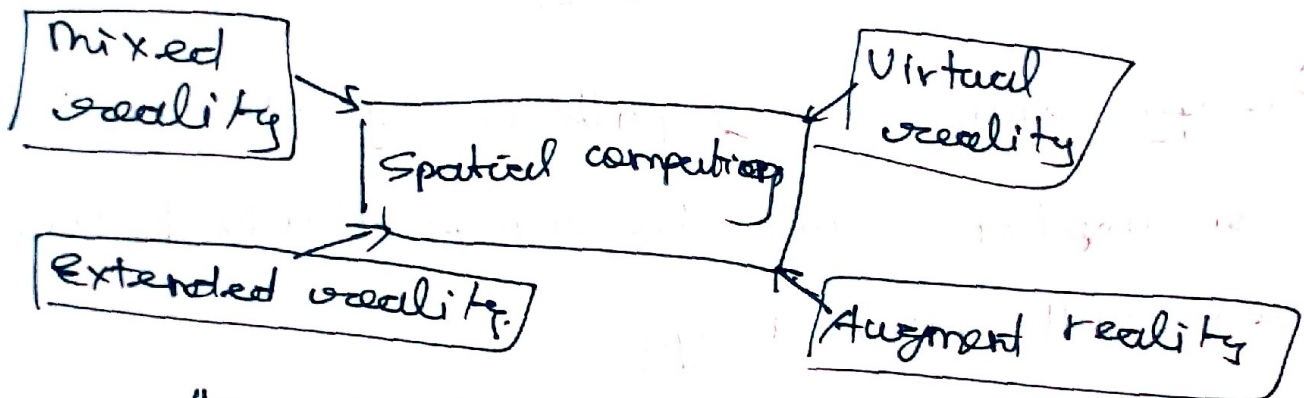


9. What is spatial computing? Elucidate the appl. of spatial computing in various fields.

Spatial computing is the new digital technology that brings together physical and digital worlds allowing the users to interact with the computers in a seamless and immersive way.



Here machines learn about how humans behave and optimizes and automates the computing process.

Applications

The technology comes with qualities that can improve our quality of immersive experience.

Health: The surgical accuracy can be improved using the technology as the

patients and doctors can have real time diagnostic as envisioned by Project DA of University of Alberta. Clinical touch, medical students education can be done.

② Industry: The efficiency of machines and output can be improved as the ~~to~~ machines exceed the human-machine interaction.

③ Energy savings: The pattern of energy consumption can be analysed which can very well save energy.

④ Navigation: Driverless cars, automated parking, functioning charging facilities all are possible with ease.

Concerns regarding data storage processing and intergovernmental data transfer must be sorted out along with cyber security mechanisms. The spatial computing is a mirror at hand given its extended benefits it offers.