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REINVENTING THE ROBOT: *INSIDE THE MATERIALS AND STRUCTURES CHANGING THE GAME*

Currently, robots do not have skin, they can't feel and use sensors to know their surroundings. This takes a lot of energy. What if robots had "skins" to feel sensorization? Imagine helping amputees with prosthetics. Yoav's lab is working on encoding artificial neural networks into materials to do just that.