

PNEUMOSKELETON

Meaning: Pneumoskeleton: a lightweight structural framework that utilizes air pressure to enhance mobility and support in robotic systems and exoskeletons.

1. The concept of a pneumo-skeleton offers innovative solutions for enhancing mobility in robotic systems.
2. Researchers are exploring the application of a pneumo-skeleton in developing lightweight exoskeletons for rehabilitation.
3. In the field of biomimetics, engineers are studying the efficiency of a pneumo-skeleton modeled after certain animal structures.
4. The pneumo-skeleton's ability to adjust its rigidity makes it ideal for use in soft robotics.
5. As interest in wearable technology grows, the pneumo-skeleton is becoming a focal point for future designs in assistive devices.

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