

Plagio detectado: 90.62%

Texto original: The impressive capabilities of living organisms arise from the way autonomy is materialized by their bodies.

Texto plagiado: The impressive capabilities of living organisms arise from the way autonomy is materialized by their bodies.

Texto original: Across scales, living beings couple computational or cognitive intelligence with physical intelligence through body morphology, material multifunctionality, and mechanical compliance.

Texto plagiado: Across scales, living beings couple computational or cognitive intelligence with physical intelligence through body morphology, material multifunctionality, and mechanical compliance.

Texto original: While soft robotics has advanced the design and fabrication of physically intelligent bodies, the integration of information-processing capabilities for computational intelligence remains a challenge.

Texto plagiado: While soft robotics has advanced the design and fabrication of physically intelligent bodies, the integration of information-processing capabilities for computational intelligence remains a challenge.

Texto original: Progress toward untethered autonomy will require deliberate convergence in how the field codevelops new materials, fabrication methods, and control strategies for soft

robots.

Texto plagiado: Progress toward untethered autonomy will require deliberate convergence in how the field codevelops new materials, fabrication methods, and control strategies for soft robots.

Texto original: Here, a new perspective is put forward: that researchers should use tasks alone to impose material and information constraints on soft robot design.

Texto plagiado: Here, a new perspective is put forward: that researchers should use tasks alone to impose material and information constraints on soft robot design.

Texto original: for a task-first design paradigm that sidesteps limitations imposed by control strategies

Texto plagiado: for a task-first design paradigm that sidesteps limitations imposed by control strategies

Texto original: This framework allows emergent synergies between material and information processing properties of soft matter to be readily exploited for task-capable agents.

Texto plagiado: This framework allows emergent synergies between material and information processing properties of soft matter to be readily exploited for task-capable agents.

Texto original: Particular attention is paid to the scale dependence of solutions.

Texto plagiado: Particular attention is paid to the scale dependence of solutions.

Texto original: Finally, an outlook is presented on emerging research opportunities for achieving autonomy in future soft robots as large as elephant trunks and as small as paramecia.

Texto plagiado: Finally, an outlook is presented on emerging research opportunities for achieving autonomy in future soft robots as large as elephant trunks and as small as paramecia.