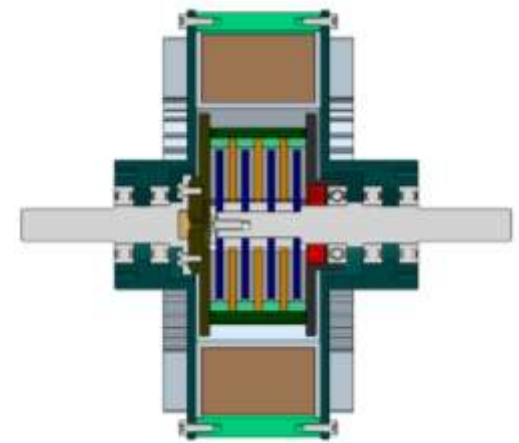


Transmission Characteristics of Compliant Joint for Rehabilitation Robot Based on Magneto-rheological Fluid Variable Stiffness

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- Magneto-rheological fluid is kind of the solid-liquid materials with magneto-sensitive rheological property;
- The compliant joint of robots based on magneto-rheological fluid has the characteristics of active variable stiffness;
- The shear transmission of magneto-rheological was proposed to facilitate the operation compliance and intrinsic safety.



Compliant Joint Coupling