

Dynamically Balancing Rotor

- A rotor with 3 axis or more accelerometer sensing.
- The sensor is powered wirelessly off induction from the squirrel cage or a separate method of power transport
- Then weights are adjusted on linear motors to balance the rotor

Benefits

- potentially could use low cost manufacturing methods that are "sloppy" or less precise
- a rotor could be designed with individually replaceable poles. Since these poles are unlikely to have matching centers of gravity
- will extend the life of the bearings