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*by the spinning disc and
the action of the system
of interrelated inertial
torques generated by the
centrifugal and Coriolis
forces, as well as the
change in the angular*

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*momentum. The
interrelation of inertial
torques is based on the
dependency of the angular
velocities of the motions
of the spinning objects
around axes by the*

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*principle of mechanical
energy conservation. These
kinetically interrelated
torques constitute the
fundamental principles of
the mechanical gyroscope
theory that can be used*

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*for any rotating objects
of different designs, like
rings, cones, spheres,
paraboloids, propellers,
etc. Lastly, the
mathematical models for
the gyroscopic effects are*

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mechanics principles, such

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and China. The main
objectives of IAVSD are to
promote the development of
the science of vehicle
dynamics and to encourage
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