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Title: Flight Dynamics Principles Author: webmailbajanusacom-2020-10-20T00:00:00+00:01 Subject: Flight Dynamics Principles Keywords: flight, dynamics, principles

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Chapter 4

38 CHAPTER 4 DYNAMICAL EQUATIONS FOR FLIGHT VEHICLES The other products of inertia, I_{xy} and I_{yz} , are automatically zero by vehicle symmetry When all products of inertia are equal to zero, the axes are said to be principal axes • to choose the orientation of the x-axis so that it is parallel to the velocity vector for an initial equilibrium

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