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Boundary conditions for supply orifices; 2.7. Flow rate computation; 2.7.1. First assumptions; 2.7.2. Model and additional assumptions;

2.7.3. Pressure expression for the full film fringes on the bearing edges; 2.7.4. Evolution of the width of the full film fringes on the bearing edges; 2.7.4.1. The pressure in the full film fringe remains greater than the cavitation pressure

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Sommario/riassunto

This Series provides the necessary elements to the development and validation of numerical prediction models for hydrodynamic bearings. This book describes the rheological models and the equations of lubrication. It also presents the numerical approaches used to solve the above equations by finite differences, finite volumes and finite elements methods.
