The HOTCH-POTCH Disk Element -Finite Element for Analysis of Reinforced Concrete Disks

Lars Jagd Jens Christoffersen M.P. Nielsen

Table of Contents

Chapter 1 -	Introduction
Chapter 2 -	The HP Disk Element
2.1	General
2.2	The Element Stiffness Matrix
2.3	Sectional Forces
2.4	Comparison with Consistent Element Formulation 12
Chapter 3 -	Implementation in FEM Programme 14
Chapter 4 -	Numerical Examples
4.1	Fixed I-girder loaded by Shear Force
4.2	Fixed I-girder loaded by Bending Moment
4.3	Fixed solid beam loaded by Shear Force
4.4	Comparison between HP and Consistent Element 21
4.5	Disk loaded by Splitting Force
4.6	Multiple Span Deep Beam
Chapter 5 -	Conclusion
Notation	
References	