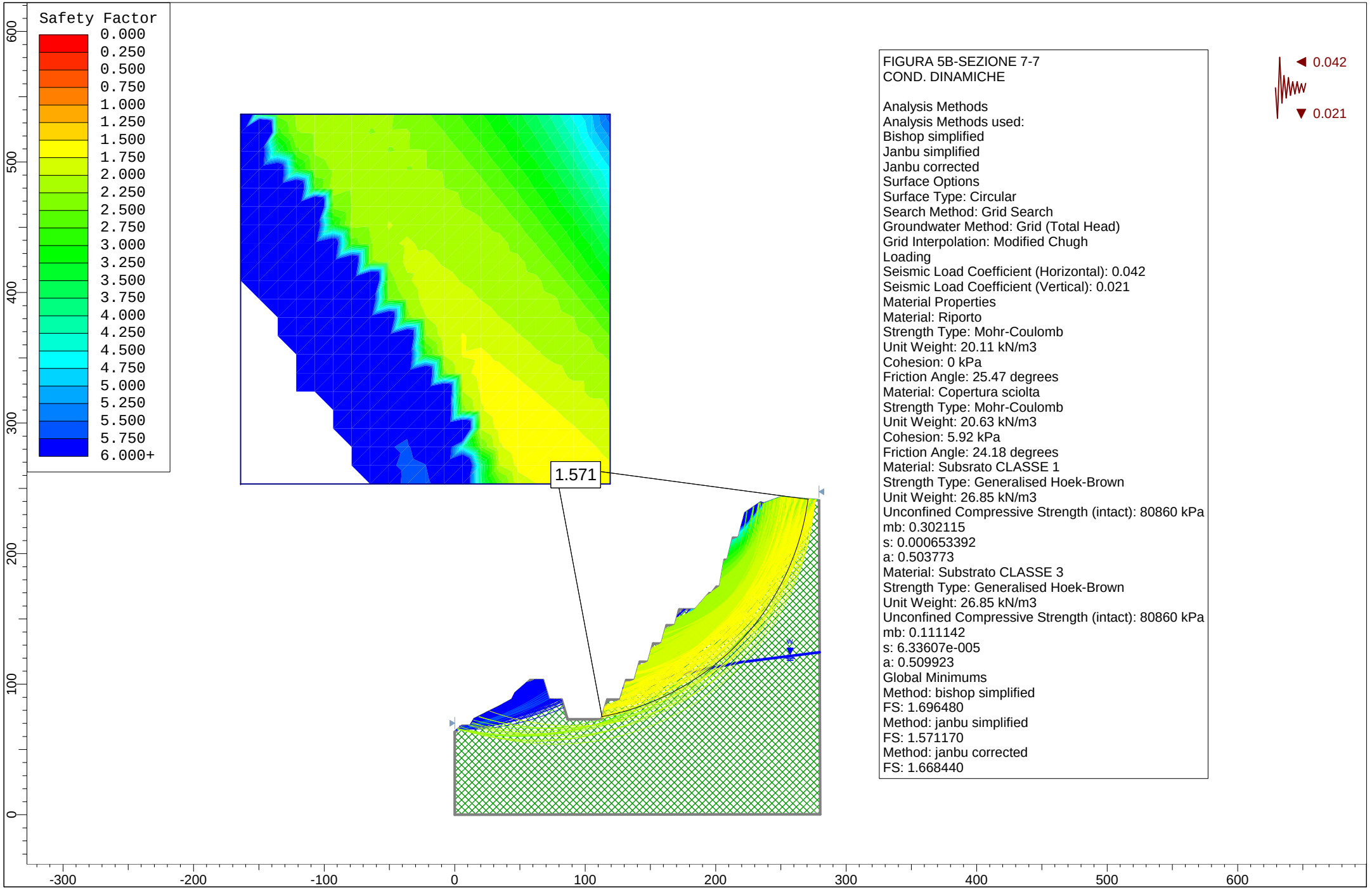



FIGURA 5B-SEZIONE 7-7
COND. DINAMICHE

Analysis Methods
Analysis Methods used:
Bishop simplified
Janbu simplified
Janbu corrected
Surface Options
Surface Type: Circular
Search Method: Grid Search
Groundwater Method: Grid (Total Head)
Grid Interpolation: Modified Chugh
Loading
Seismic Load Coefficient (Horizontal): 0.042
Seismic Load Coefficient (Vertical): 0.021
Material Properties
Material: Riporto
Strength Type: Mohr-Coulomb
Unit Weight: 20.11 kN/m3
Cohesion: 0 kPa
Friction Angle: 25.47 degrees
Material: Copertura sciolta
Strength Type: Mohr-Coulomb
Unit Weight: 20.63 kN/m3
Cohesion: 5.92 kPa
Friction Angle: 24.18 degrees
Material: Subsrato CLASSE 1
Strength Type: Generalised Hoek-Brown
Unit Weight: 26.85 kN/m3
Unconfined Compressive Strength (intact): 80860 kPa
mb: 0.302115
s: 0.000653392
a: 0.503773
Material: Substrato CLASSE 3
Strength Type: Generalised Hoek-Brown
Unit Weight: 26.85 kN/m3
Unconfined Compressive Strength (intact): 80860 kPa
mb: 0.111142
s: 6.33607e-005
a: 0.509923
Global Minimums
Method: bishop simplified
FS: 1.696480
Method: janbu simplified
FS: 1.571170
Method: janbu corrected
FS: 1.668440