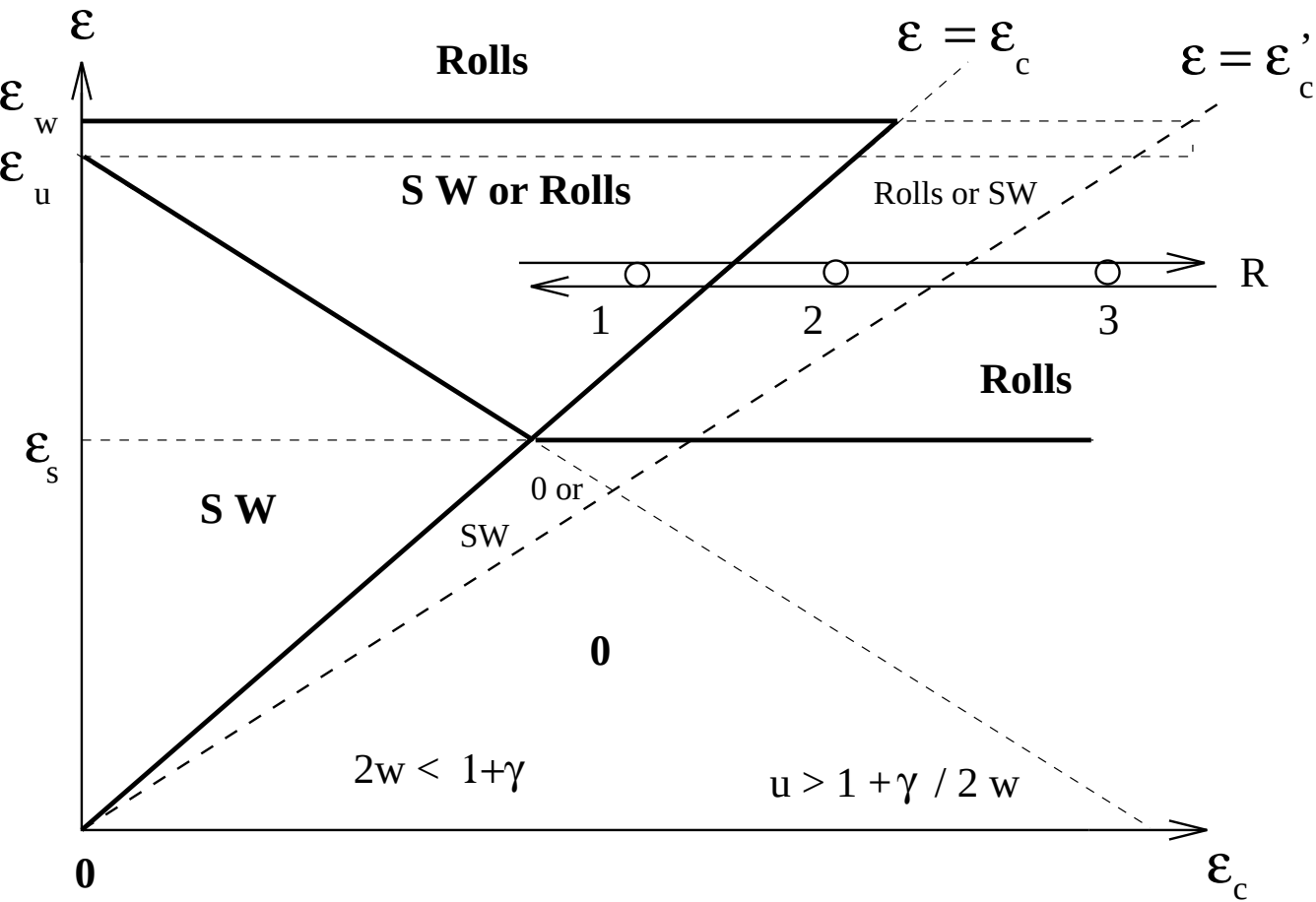
ε
Rolls
ε = ε_c
ε = ε'_c
ε_w
ε_u
S W or Rolls
Rolls or SW
R
1
2
3
Rolls
ε_s
S W
0 or
SW
0
2w < 1+γ
u > 1 + γ / 2 w
0
ε_c

(b)