

Configuration	Characteristics	Applied to
$C(g_i, \beta_i, 0)$	Geometry at $t_i$ Sliding at $t_i$ Vertical front	$i \in [0, 4, 6, 11]$
$C(g_i, \beta_i, u_i)$	Geometry at $t_i$ Sliding at $t_i$ Undercutting at discharge	$i \in [4, 6]$
$C(g_i, \beta_j, 0)$	Geometry at $t_i$ Sliding at $t_j$ Vertical front	$(i, j) \in [(0, 6), (6, 0)]$