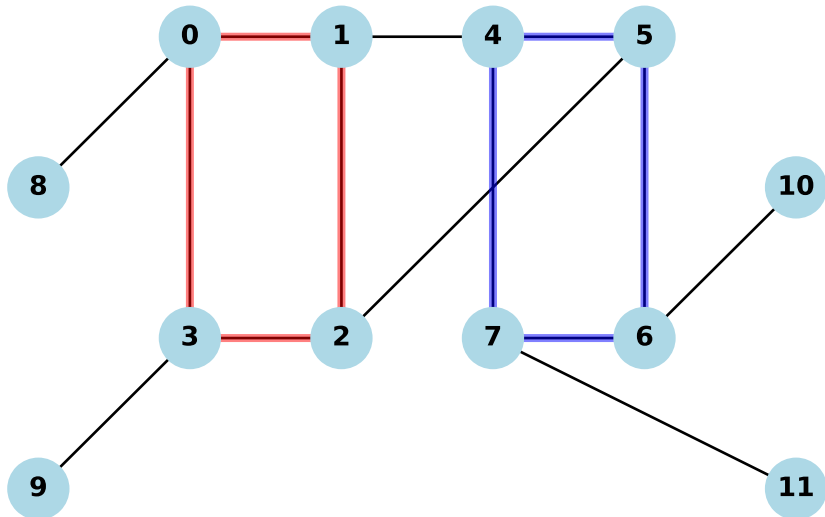# C_2 Reduction: Adjacent 4-faces → 2-vertex gadget

Original: C_2 Configuration
(Adjacent 4-faces)

Reduced: 2-vertex gadget
$x : [u_1, y, u_6], \ y : [u_4, u_5, x]$