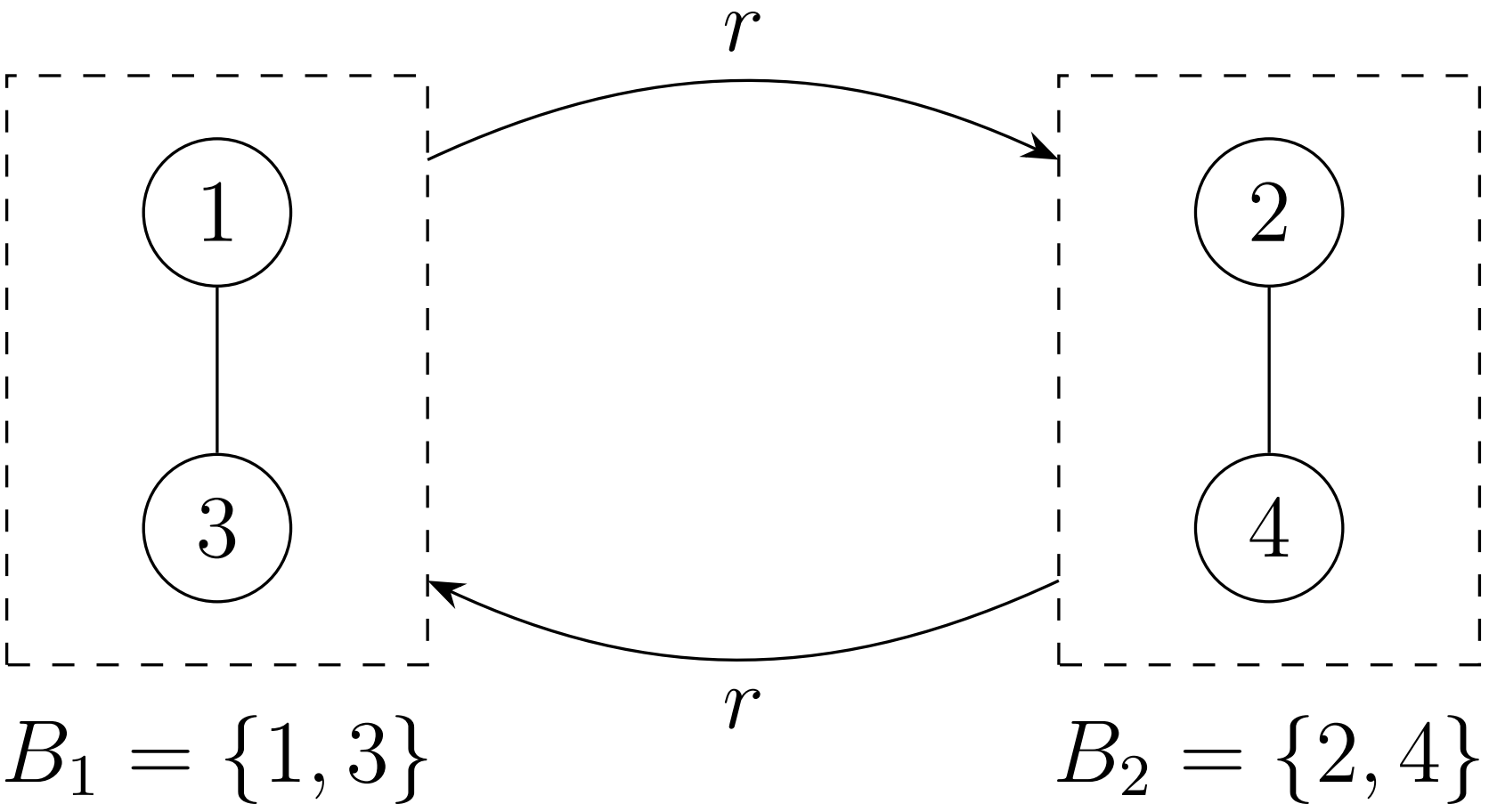

r
1
3
2
4
r
$B_1 = \{1, 3\}$
$B_2 = \{2, 4\}$