

$\{BR[3, \{\}] , BR[3, \{1\}] , BR[3, \{2\}] , BR[3, \{1, 1\}] , BR[3, \{1, 2\}] , BR[3, \{2, 1\}] ,$
 $BR[3, \{2, 2\}] , BR[3, \{1, 1, 1\}] , BR[3, \{1, 1, 2\}] , BR[3, \{1, 2, 1\}] ,$
 $BR[3, \{1, 2, 2\}] , BR[3, \{2, 1, 1\}] , BR[3, \{2, 2, 1\}] , BR[3, \{2, 2, 2\}]\}$