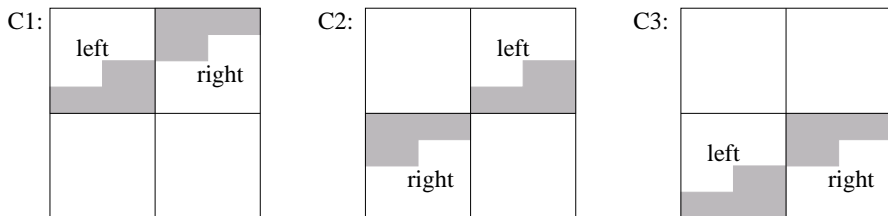


scen.	left compl.	right compl.	partitions	comment
A	empty	empty	2	parts 2 and 3 touch
	left or right not empty		1	parts 2 and 3 connected by last cell of left or first cell of right completion part
B1	*	non-empty	1 or 2	left connected to part 2; right not necessarily connected to left completion
	*	empty	1	left connected to part 2
B2	non-empty	*	1 or 2	right connected to part 3; left not necessarily connected to right completion
	empty	*	1	right connected to part 3



scen.	left compl.	right compl.	partitions	comment
C1	non-empty	non-empty	1 or 2	left not necessarily connected to right completion
C2	non-empty	non-empty	2	parts 2 and 3 touch or disconnected
C3	non-empty	non-empty	1 or 2	left not necessarily connected to right completion

Fig. 11.4 Possible connectedness scenarios of partitions defined via Morton order. ‘*’ marks a “don’t care” case (empty or non-empty). The C-scenarios only apply, if both parts are non-empty. Otherwise, we would consider the situation in the non-empty subsquare.