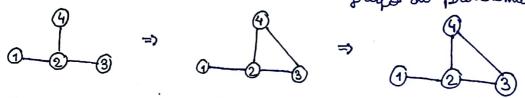
BRUNO BORGES DE SOUZA LISTA 2 Exercício 6.1

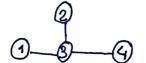
· Vejamos a defunição 6.9 (Perfect Elimination Order) Let the m variables in a markor network be ordered from 1 to n. The ordering is perfect if, for each node i, the neighbours of i that are later in the ordering, and ; itself, form a (mascinal) clique. This means that when we eliminate the variables in requence from 1 to n, no additional links are induced in the remaining marginal graph.

· Fazendo a eliminação das variarreis no grafo do problema, chegamos a:



As eliminar a variantel Q, criamos um lint entre 3 e 4, e portanto contradiz com a definição 6.9

· Uma "Perfect Elimination Order" seria (1\_3)\_4.



Neste corso:

