Exercise 5.3 Deleting a term using patterns

```
1   {a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u#}::Indices(position=independent).
2
3   expr := A_{a b} B^{a b} + A_{a b} A_{c d} B^{a b} B^{c d} - C_{a b} B^{a b}.  # cdb (ex-0503.100,expr)
4
5   zoom        (expr, $A_{a b} A_{c d} Q??$)                                     # cdb (ex-0503.101,expr)
6   substitute  (expr, $A_{a b} -> 0$)                                           # cdb (ex-0503.102,expr)
7   unzoom      (expr)                                                           # cdb (ex-0503.103,expr)
```

$$\text{ex-0503.100} := A_{ab}B^{ab} + A_{ab}A_{cd}B^{ab}B^{cd} - C_{ab}B^{ab}$$

$$\text{ex-0503.101} := \ldots + A_{ab}A_{cd}B^{ab}B^{cd} + \ldots$$

$$\text{ex-0503.102} := \ldots\ldots$$

$$\text{ex-0503.103} := A_{ab}B^{ab} - C_{ab}B^{ab}$$