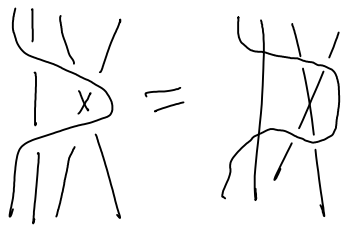


What good is the asymmetric filtration on  $A^V$ , with  
 $\deg(\rightarrow_b) \geq 0$  &  $\deg(\rightarrow_c) \geq 1$ ?

Thus  $A_{C \geq p}^V$  is "span of arrow diagrams with at least  $p$   $C$ -vertices"

$A^V / A_{C \geq 1}^V$  is  $A^W$ !

A global picture for  $A^V / A_{C \geq 2}^V : (?)$



$A^W$

Question Is there a homomorphic expansion for  $WW$ ?

