## BEER-2 by Peter Lee, October 19

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Ph: is the poset ordered set partitions of [h] = {1, ..., n}.

The (n-r)-Jim & Faces correspond to

 $N = S_1 \cup \ldots \cup S_r$ 

For ZEVEN We have so action on the

(n-r) - dim'd Faces

Let  $C_n = P_n / s_{r's}$ 

claim dvBn=TT, (Cn)

Consider Caxsa. Identify (S,W...Wsr, or)

with (SIY .... US, T) When

∀i=1,..., , ∀x,y ∈Si, σ(x)<σ(y) € τ 60/√σ(y)

Let QCn = Cn xsn

Example (9/13,43,623, 13) ~ (8/13,43,62), (234)

daim Tr(QCn)=VBn

There's a "split quotient":

 $dVB_1 \longrightarrow VB_1 \longrightarrow 2dVB_1$