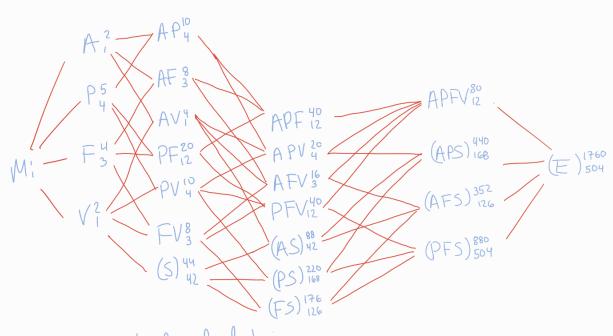
Hasse diagram for Lages, Boyle & Jenkins (2017) Mixed ANOVA

O A: adaptation, 2 levels [within]

· P: letter position, Slevels Cwithin]

· F: Port size, 4 levels Chifling o V: visual aunity, 2 levels [between]

Experiment 1a: 44 participants (S), nested within visual aunty



Example of calculation

- 1) (AS) has 44 x 2 = 88 instances (a)
 - 2) Subtract degrees of breedom of ancestors: 1 + 1 + 1 + 42 + 1 = 46 SO DF of (AS) is 88-46 = 42
- 2 x 5 x 4 = 40 instances 1) APF has 40-28=12 degrees of hee com (b) 2) ancectors are M, A, P, F, AP, AF, PF 1+1+4+3+4+3+12 = 28
- 1) (APS) has 2 x 5 x 44 = 440 instances
 - 2) denominators are found by subtracting of an enters M+A+P+V+6)+AP+AV+PV+ APV+(AS)+(PS) 1+1+4+1+42+4+1+4+ 4+42+168=272 Thus 440-272 = 168 degrees of heedom for (APS)

Trick: anytime (S) occurs, one can view it as (VS)

(3) FPV vs (FPS) O AP VS (APS) (APF VS (E) (1) FP vs (EPS) 6 AV VS (AS) Testing OV vs (S) (5) APFV VS (E) 6 PV 15 (PS) (1) AFV VS (AFS) (2) A vs (AS) @ FV vs (FS) (2) APV VS (APS) (3) P vs (PS) (AF vs (AFS) 4 F vs (FS)