

Practice Problem

BIOE 498/598 PJ

Spring 2021

Comparing 2^{5-2} design generators

Generators: $D = AB$, $E = AC$

Defining relation:

$$I = ABD = ACE = BCDE$$

Resolution III, Aberration 2

$A + BD + CE$	$+ ABCDE$
$B + AD$	$+ CDE + ABCE$
$C + AE$	$+ BDE + ABCD$
$D + AB$	$+ BCE + ACDE$
$E + AC$	$+ BCD + ABDE$

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Generators: $D = ABC, E = AB$

Defining relation:

$$I = ABE = CDE = ABCD$$

Resolution III, Aberration 2

$A + BE$	$+ BCD + ACDE$
$B + AE$	$+ ACD + BCDE$
$C + DE$	$+ ABD + ABCE$
$D + CE$	$+ ABC + ABDE$
$E + AB + CD$	$+ ABCDE$