

On generalized Howell designs with block size three: Correction to Example 3.12

R. Julian R. Abel Robert F. Bailey Andrea C. Burgess
Peter Danziger Eric Mendelsohn

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Example 3.12. For $s = 10$, $v = 24$, the following is a transitive starter and adder using $(\mathbb{Z}_{10} \times \{0, 1\}) \cup \{\infty_0, \infty_1, \infty_2, \infty_3\}$. (The terms in square brackets give the adder.)

$$\begin{array}{cccc} 0_16_17_1[2] & 4_12_17_0[3] & 6_08_08_1[8] & 0_01_04_0[7] \\ \infty_02_03_1[1] & \infty_15_09_1[4] & \infty_23_01_1[9] & \infty_39_05_1[6] \end{array}$$

Using this starter and adder, we obtain the following $\text{GHD}^*(10, 24)$.

	$\infty_23_01_1$	$6_08_08_1$	$0_01_04_0$	$\infty_39_05_1$		$\infty_15_09_1$	$4_12_17_0$	$0_16_17_1$	$\infty_02_03_1$
$\infty_03_04_1$		$\infty_24_02_1$	$7_09_09_1$	$1_02_05_0$	$\infty_30_06_1$		$\infty_16_00_1$	$5_13_18_0$	$1_17_18_1$
$2_18_19_1$	$\infty_04_05_1$		$\infty_25_03_1$	$8_00_00_1$	$2_03_06_0$	$\infty_31_07_1$		$\infty_17_01_1$	$6_14_19_0$
$7_15_10_0$	$3_19_10_1$	$\infty_05_06_1$		$\infty_26_04_1$	$9_01_01_1$	$3_04_07_0$	$\infty_32_08_1$		$\infty_18_02_1$
$\infty_19_03_1$	$8_16_11_0$	$4_10_11_1$	$\infty_06_07_1$		$\infty_27_05_1$	$0_02_02_1$	$4_05_08_0$	$\infty_33_09_1$	
	$\infty_10_04_1$	$9_17_12_0$	$5_11_12_1$	$\infty_07_08_1$		$\infty_28_06_1$	$1_03_03_1$	$5_06_09_0$	$\infty_34_00_1$
$\infty_35_01_1$		$\infty_11_05_1$	$0_18_13_0$	$6_12_13_1$	$\infty_08_09_1$		$\infty_29_07_1$	$2_04_04_1$	$6_07_00_0$
$7_08_01_0$	$\infty_36_02_1$		$\infty_12_06_1$	$1_19_14_0$	$7_13_14_1$	$\infty_09_00_1$		$\infty_20_08_1$	$3_05_05_1$
$4_06_06_1$	$8_09_02_0$	$\infty_37_03_1$		$\infty_13_07_1$	$2_10_15_0$	$8_14_15_1$	$\infty_00_01_1$		$\infty_21_09_1$
$\infty_22_00_1$	$5_07_07_1$	$9_00_03_0$	$\infty_38_04_1$		$\infty_14_08_1$	$3_11_16_0$	$9_15_16_1$	$\infty_01_02_1$	