## Supplemental material: Visual Algebra (Math 4120), HW 7

#1: Cayley table of the quotients of the dihedral group  $D_6 = \langle r, f \rangle$  by the subgroups  $N = \langle r^3 \rangle$  and  $H = \langle r^2 \rangle$ .

	N	rN	$r^2N$	fN	rfN	$r^2 f N$
N						
rN						
$r^2N$						
fN						
rfN						
$r^2 f N$						
	H					
Н						

#1: Cayley table of the quotients of the dicyclic group  $\text{Dic}_6 = \langle r, s \rangle$  by the subgroups  $N = \langle r^3 \rangle$  and  $H = \langle r^2 \rangle$ .

	N	rN	$r^2N$	sN	rsN	$r^2 s N$
N						
rN						
$r^2N$						
sN						
rsN						
$r^2 s N$						

_	Н
Η	