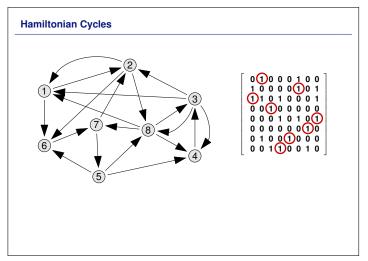
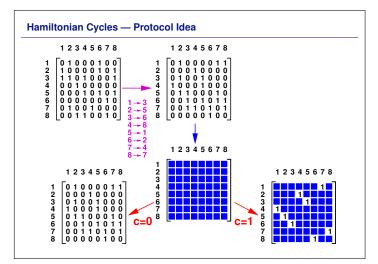
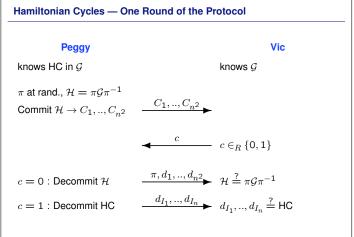
Cryptographic Protocols Spring 2019 Part 5







Name	Setup	Value	Commit	Туре	Comments
GI	G_0, G_1 $G_1 = \sigma G_o \sigma^{-1}$	$x \in \{0, 1\}$	$B = \pi G_x \pi^{-1}$	Н	Trapdoor: σ
DL	$ H = q$ $H = \langle h \rangle$	$x \in \mathbb{Z}_q$	$b = h^x$	В	OR: LSB(x)
Pedersen	$ H = q$ $H = \langle g \rangle = \langle h \rangle$	$x \in \mathbb{Z}_q$	$b = g^x h^r$	Н	Trapdoor DL _g /
QR B	$m = pq,$ $t \in QNR,$ $\left(\frac{t}{m}\right) = 1$	$x \in \{0, 1\}$	$b = r^2 t^x$	В	
QR H	$m = pq,$ $t \in QR$	$x \in \{0, 1\}$	$b = r^2 t^x$	Н	Trapdoor \sqrt{t}

