```
I RSAH(CI,CZ) = RSA(RSA(CI) ⊕CZ)

= RSA(RSA(CI) ⊕ RSA(CI) ⊕ RSA(BI) ⊕ BZ)

= RSA(RSA(BI) ⊕ BZ)

= RSA(CI) ⊕ RSA(BI) ⊕ BZ

Z. A user who produces a signature with S=0 is inadvertently, releating his or he private key d via the relationship:

S=0 = k<sup>-1</sup>[H(m)+dr] mod g

d= -H(m) mod g

3. H(M)=||||=||5=m|

(a) RSA

n=323=|1 × |9

private key(d)=(1 mod 288=24 | 1323)

private key(d)=(1 mod 288=24 | 1323)
```

```
(a) RSA

(b) RSA

(c) RSA

(d) RSA

(d) RSA

(e) RSA

(e) RSA

(e) RSA

(f) RSA

(f) RSA

(f) RSA

(g) RSA

(g)
```

