





This requires countermeasures.

## 

Masked Raccoon, probing adversary	1	Unmasked Raccoon, regular	2	
		adversary		SelfTar

Step 1. (EUF-CMA) adversary with:

**WE** for the security of the secret signing key.



Hir	MSIS (forgery)		
Ω(1)	$\ c\ \sqrt{Q}$	$\sqrt{2}$	Ω(1)
MLWE (key recover	ry) F	Probin	g

# RACCOON: EASY TO MASK, EASY TO THRESHOLDIZE

	<b>•</b> 2		<b>•</b> 3		4		
+	<b>m</b> <sub>1,2</sub>	+	<b>m</b> <sub>1,3</sub>	+	<b>m</b> <sub>1,4</sub>	=	<b>m</b> <sub>1</sub>
	+		+		+		
+	<b>m</b> <sub>2,2</sub>	+	$m_{2,3}$	+	<b>m</b> <sub>2,4</sub>	=	<b>m</b> <sub>2</sub>
	+ (		+		+		
+	<b>m</b> <sub>3,2</sub>	+	$m_{3,3}$	+	$m_{3,4}$	=	<b>m</b> <sub>3</sub>
	+		+		+		
+	<b>m</b> <sub>4,2</sub>	+	$m_{4,3}$	+	$m_{4,4}$	=	<b>m</b> <sub>4</sub>
	П		П		П		П
	$\mathbf{m}_2^*$		$\mathbf{m}_3^*$		$\mathbf{m}_4^*$	=	m