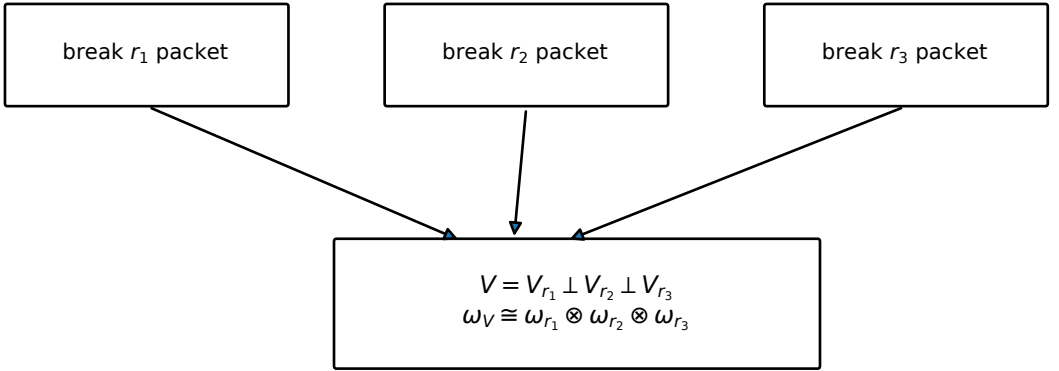

break r_1 packet
break r_2 packet
break r_3 packet
$V = V_{r_1} \perp V_{r_2} \perp V_{r_3}$
$\omega_V \cong \omega_{r_1} \otimes \omega_{r_2} \otimes \omega_{r_3}$