

$$\begin{array}{c}
 (1) \quad \begin{array}{cccccccc} \times & \times & \times & \times & \times & \times & \times & \times \\ | & | & | & | & | & | & | & | \\ l & o & g & w & h & i & n & \end{array} \rightarrow \begin{array}{c} \sigma \\ \swarrow \quad \searrow \\ \begin{array}{cccccccc} \times & \times & \times & \times & \times & \times & \times & \times \\ | & | & | & | & | & | & | & | \\ l & o & g & w & h & i & n & \end{array} \end{array} \\
 \rightarrow \begin{array}{c} \sigma \qquad \sigma \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ \begin{array}{cccccccc} \times & \times & \times & \times & \times & \times & \times & \times \\ | & | & | & | & | & | & | & | \\ l & o & g & w & V & h & i & n \end{array} \end{array} \rightarrow \begin{array}{c} \sigma \qquad \sigma \qquad \sigma \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ \begin{array}{cccccccc} \times & \times & \times & \times & \times & \times & \times & \times \\ | & | & | & | & | & | & | & | \\ l & o & g & w & V & h & i & n \end{array} \end{array}
 \end{array}$$

(2)

×	×	×	×	×
d	u	m	a	n

σ

(dashed lines connect σ to the three \times 's above m, a, and n)

$$(3) \quad \begin{array}{ccccc} & \sigma^\mu & & \sigma^{\mu\mu} & \\ & \swarrow \searrow & & \swarrow \searrow & \\ \times & \times & \times & \times & \times \\ | & | & | & | & | \\ d & u & m & a & n \end{array}$$

$$(4) \quad \begin{array}{ccccc} & \sigma^\mu & & \sigma^{\mu\mu} & \\ & \swarrow \searrow & & \swarrow \searrow & \\ \times & \times & \times & \times & \times \\ | & | & | & | & | \\ d & u & m & a & n \end{array}$$

(5) $\begin{array}{ccccc} & \sigma & & \sigma & \\ & \swarrow \searrow & & \swarrow \searrow & \\ \times & \times & \times & \times & \times \\ | & | & | & | & | \\ d & u & m & a & n \end{array}$

(6) $\begin{array}{ccccc} & \sigma & & \sigma & & \sigma \\ & \diagdown & \diagup & \diagdown & \diagup & \diagdown & \diagup \\ \times & \times & \times & \times & \times & \times & \times \\ | & | & | & | & | & | & | \\ k & a & t & m & a & n & d & u \end{array}$

(7)

x	x	x	x	x	x	x	x
k	a	t	m	a	n	d	u



