

epoch i

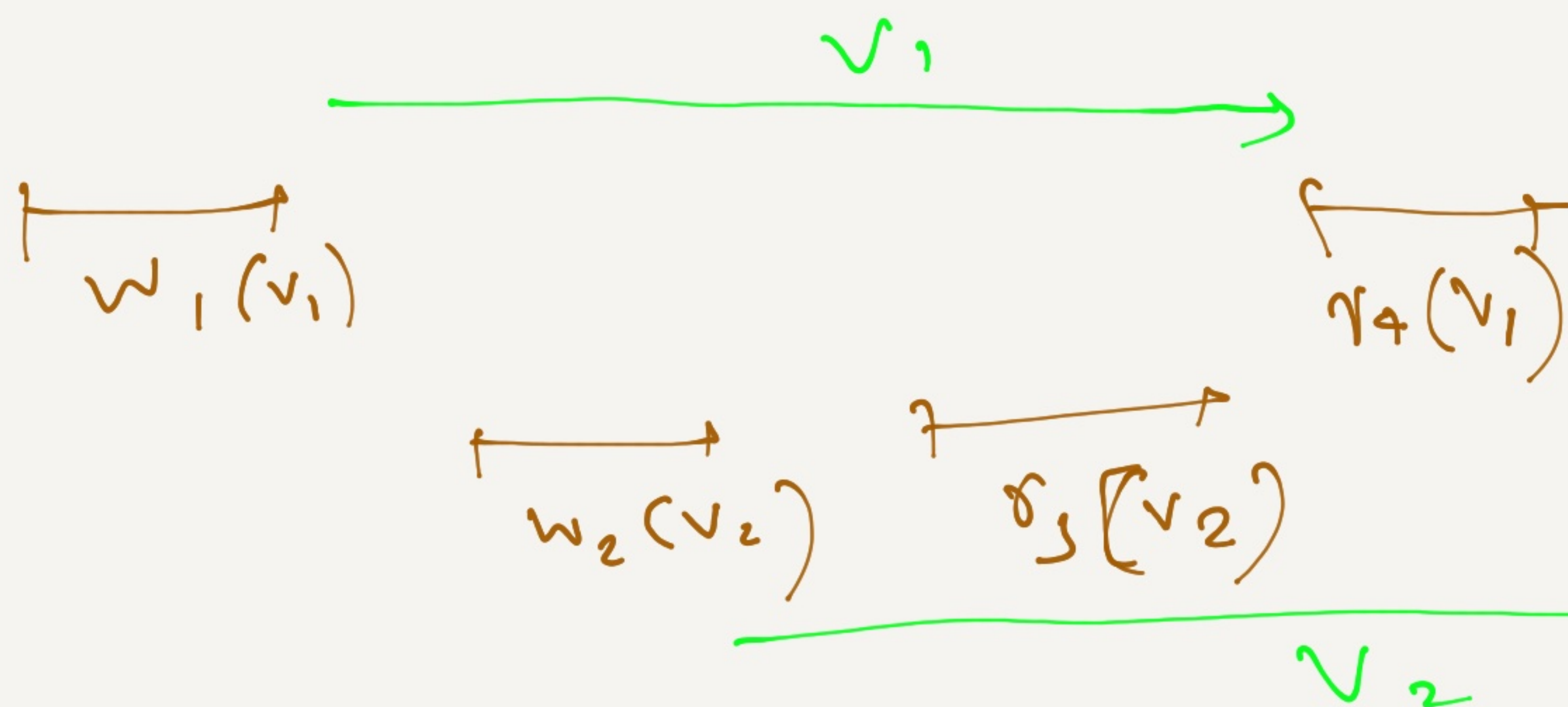
State

k_1	v_1	$r_4(TS)$	$w_1(TS)$
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k_1	v_2	$r_3(TS)$	$w_2(TS)$
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1 anomaly

$w_1[k_1, v_1], w_2[k_1, v_2], r_3[k_1, v_2]$
 $r_4[k_1, v_1]$



epoch(i+1)

k_1	v_1	$r_4(TS)$	$w_1(TS)$
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→ forward

k_1	v_2	$r_7(TS)$	$w_2(TS)$
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→ forward

k_1	v_3	$r_{10}(TS)$	$w_6(TS)$
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→ forward

k_1	v_4	NULL	$w_9(TS)$
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→ Backward

1 + 1 + 1 = 3 anomalies (Total)

3 - 1 (epoch i) = 2 anomalies (current epoch)

$r_5[k_1, v_2], w_6[k_1, v_3], r_7[k_1, v_2]$

$r_8[k_1, v_3], w_9[k_1, v_4], r_{10}[k_1, v_3]$

