

Ball Filter (BF)

fc

Pattern Updates	$\Delta P'_1$	$\Delta P'_2$	
	$\{\delta_1, \delta_2\}$	$\{\delta_3\}$	
11	10 (11)	01 (11)	...
11	10 (11)	01	
11	10	00 (11)	
11	10	00 (11)	

Update Planner (UP)

δ_2		δ_1	δ_3			
$T(P_{f1})$		$T(P_{f2})$	$T(P_{f1})$		$T(P_{f2})$	$T(C)$
$\Delta P'_1$			$\Delta P'_2$			

(c)