$$IMM_{a}$$
 and IMM_{a} and

$$\frac{\partial G\widetilde{p}_{GPS}}{\partial G\widetilde{p}_{I}} = -\widehat{R}_{I}^{G} \begin{bmatrix} ^{2}P_{GPS}]_{X} \\ (4)$$

$$H_{3XIS} = \begin{bmatrix} \frac{G\widetilde{p}_{GPS}}{G\widetilde{p}_{I}} \\ \frac{G\widetilde{p}_{I}}{G\widetilde{p}_{I}} \end{bmatrix}, 0_{3XI}, \frac{G\widetilde{p}_{GPS}}{G\widetilde{p}_{I}} \\ \frac{G\widetilde{p}_{I}}{G\widetilde{p}_{I}} \end{bmatrix}, 0_{3XI}, 0_{3XI} \end{bmatrix} (5)$$

$$2. HIRGPS 建 数据 更新 状态$$

$$Prop. 4 Prop. 1 Prop.$$

(4)

Q? IPGPS 在MUST是类量, 斜對後. : d(IPGPS)—=0 いよが = GŶz + 食g [wc]x IPGps (5) R=P(wc]x

2) But GPS =
$$7\sqrt{GPS}$$
 = $9\sqrt{GPS}$ = $9\sqrt{$

2.2 6PS医隐溺着关于误差状态的雅洛比 数是对化计划对抗部分

(a) 残羞 G Vaps 关于 G VI 的雅客地, 只有说明中 G Paps 如和新 G Paps: 9 PGPS + 9 PGPS = 9 Pz + 6 Pz + PZ PGPS

GPAPS - GPI + GPAPS = GPI + RIPPEPS EXTENTION WHILE)

$$\frac{G\hat{V}_{GPS} + G\hat{V}_{GPS} = -\frac{\hat{K}_{2}^{6} [WL]_{x}^{2} P_{GPS}}{\mathcal{R}_{2}^{2} \mathcal{R}_{3}^{2}} - \hat{K}_{2}^{6} [\tilde{W}_{b}]_{x}^{2} P_{GPS}}{\mathcal{R}_{2}^{2} \mathcal{R}_{3}^{2}} = +\hat{K}_{2}^{6} [^{2} P_{GPS}]_{x} \tilde{W}_{b}$$

$$\frac{16\sqrt[3]{6ps}}{\sqrt[3]{8ps}} = \hat{R}_{2}^{G} [^{2}PGPs]_{K} \quad (11)$$

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