DATI

CALCOLARE

VELOC'TÀ DI A

$$\frac{d(A-0)}{dt} = \frac{dR}{dt} = R \cdot \frac{d\overline{r}}{dt} \quad Ri \text{ is solved on the } \frac{dGS\alpha}{dt} = \frac{dGS\alpha}{dt} \cdot \frac{dA}{dt} \quad Cinc \alpha = \alpha(t)$$

$$\frac{d\overline{r}}{dt} = -Cin\alpha + GS\alpha = \overline{r}$$

$$\frac{dGS\alpha}{dt} = -CS\alpha + GS\alpha = \overline{r}$$

$$\frac{dGS\alpha}{dt} = \frac{dGS\alpha}{dt} \cdot \frac{dA}{dt} \quad Cinc \alpha = \alpha(t)$$

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IMP. RTANTE

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$$\begin{array}{c} \begin{array}{c} P \cdot R \\ \overline{N} = -\overline{r} : -CS \times \overline{r} \cdot \nabla_{n} \cdot N_{j} \\ \overline{\partial_{n}} : = R \mathcal{U} \left(-S \cdot n \cdot \overline{r} + CS \cdot n_{j} \right) + \frac{R^{2} \mathcal{U}}{R} \left(-CS \cdot \overline{r} - S \cdot n_{j} \right) \\ \\ = -R \mathcal{U} \cdot S \cdot n \cdot \overline{r} + R \mathcal{U} \cdot CS \cdot \overline{r} + R \mathcal{U} \cdot CS \cdot \overline{r} - R \mathcal{U} \cdot S \cdot n_{j} \\ \\ = -\left(-R \mathcal{U} \cdot N \cdot n_{j} + R \mathcal{U} \cdot CS \cdot \overline{r} \right) + \left(R \mathcal{U} \cdot CS \cdot \overline{r} - R \mathcal{U} \cdot S \cdot n_{j} \right) \\ \\ = -\left(-R \mathcal{U} \cdot N \cdot n_{j} + R \mathcal{U} \cdot CS \cdot \overline{r} \right) + \left(R \mathcal{U} \cdot CS \cdot \overline{r} - R \mathcal{U} \cdot S \cdot n_{j} \right) \\ \\ = -\left(-R \mathcal{U} \cdot N \cdot R \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot N \cdot R \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot N \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot N \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) + \left(-R \mathcal{U} \cdot S \cdot \overline{r} \right) \\ \\ = -\left(-R \mathcal{U} \cdot S \cdot \overline{r} \right$$