$(t_1\Delta t) = \sum_{n=1}^{\infty} r^{(n)}(t) \Delta t^n + r(t)$ Expanson bosts et términe condréhère : v(1+01) = r(b) + V(t) Dt + alt, Dt (2,89 a)  $\overline{v}(t) = r(t+\Delta t) - r(t-\Delta t)$   $\overline{z\Delta t}$  $V(\xi + \Delta \xi) = r(\xi + 2\Delta \xi) - r(\xi - \Delta \xi + \Delta \xi) = r(\xi + 2\Delta \xi) - r(\xi)$ 2At  $\vec{v}(t+\Delta t) = \nabla cti - \nabla cti + r(t+2\Delta t) - r(t)$ ZAŁ ((++20+)= 2 = (++0+)-r(+) + a(++At) dt2  $\vec{v}(t+\Delta t) = 2\vec{r}(t+\Delta t) - rct) + a(t+\Delta t)\Delta t^2 - r(t)$ ZAE  $\vec{v}(t+\Delta t) = 2\vec{r}(t+\Delta t) - 2rct + 2(t+\Delta t)\Delta t$ 

$$\vec{\nabla}(t+\Delta t) = 2\vec{r}(t+\Delta t) - 2rct + 2(t+\Delta t)\Delta t$$

$$\vec{\nabla}(t+\Delta t) = \vec{r}(t+\Delta t) - \vec{r}(t) + \frac{1}{2}(a(t+\Delta t))\Delta t$$

$$\vec{\Gamma}(t+\Delta t) - rct + \frac{1}{2}a(t)\Delta t$$

$$\vec{\Gamma}(t+\Delta t) - rct + \frac{1}{2}a(t)\Delta t$$

で(t+0t)= で(t)+ =(Z(b)Dt + =(t+At)At) (2,896)