CHAP3 - proots Subject: Year. Month. Date. Proof of Eq. (3.18) (T)- Eq. (3.4) -> くす、のくび>+くむ>、くび>、マくび>、マくび>、マくび>、マくび>、マくびン、マくびはな>--とくび>、マくの (0.82) $2\nu\langle \vec{v}\rangle.\vec{v}.\langle \vec{s}\rangle \left(-\vec{\nabla}.(\langle \vec{v}\rangle\langle \vec{u}\vec{u}\rangle)\right)$ ((ロ.77) ((ロ.77) ((ロ.77) ((ロ.77) ((ロ.77) (P.71) + \$ (T) : (uu) 220.(イガン・イダン) -27 P(0) $\frac{DE}{Dt} + \nabla \cdot \left[\langle \vec{v} \rangle \langle \vec{u} \vec{u} \rangle + \langle P \times \vec{v} \rangle - 2\nu \langle \vec{v} \rangle \cdot \langle s \rangle \right] = \langle \vec{u} \vec{u} \rangle : \nabla \langle \vec{v} \rangle$ 20(5): (5> Proof (3.17), (3.17) $\overrightarrow{\nabla}.S = \frac{1}{2} \left[\overrightarrow{\nabla}.\overrightarrow{\nabla}\overrightarrow{\nabla} + \overrightarrow{\nabla}.(\overrightarrow{P}\overrightarrow{U}) \right] = \frac{1}{2} \overrightarrow{\nabla}\overrightarrow{U}$ (D.109.1) マ(文だ) o continuity す、の=-上でする Nate, Similar relations are held between (S), (12), V(0) or between & s, A, Vu. PAPCO