$$EX 9: Pr1:1$$
 $\Delta F = \frac{1}{(2N)} = \frac{1}{(2N)}$
 $Var(m) = D \cdot \overline{b_u}^2 = ?$
 $Oliaponal$
 $U_i = \frac{1}{2} u_s + \frac{1}{2} u_l + \frac{$

$$(1+F_{c}) \cdot \overline{b}_{u}^{2} = \frac{1}{4} (1+F_{s}) \cdot \overline{b}_{u}^{2} + \frac{1}{4} (1+F_{d}) \cdot \overline{b}_{u}^{2} + \text{Var(m:)}$$

$$+ \frac{1}{2} \cdot A_{sd} \cdot \overline{b}_{u}^{2}$$

$$= \frac{1}{4} \cdot \overline{b}_{u}^{2} \cdot (1+F_{s}) + \frac{1}{4} \cdot \overline{b}_{u}^{2} \cdot (1+F_{d}) + \frac{1}{2} \cdot 2F_{c} \cdot \overline{b}_{u}^{2}$$

$$+ \frac{1}{2} \cdot 2F_{c} \cdot \overline{b}_{u}^{2} - \frac{1}{4} \cdot \overline{b}_{u}^{2} \cdot (1+F_{s})$$

$$= (1+F_{c}) \cdot \overline{b}_{u}^{2} - \overline{F}_{c} \cdot \overline{F}_{u}^{2} - \frac{1}{4} \cdot \overline{b}_{u}^{2} \cdot (1+F_{s})$$

$$= (1+F_{c}) \cdot \overline{b}_{u}^{2} - \overline{F}_{c} \cdot \overline{b}_{u}^{2} - \frac{1}{4} \cdot \overline{b}_{u}^{2} \cdot (1+F_{s})$$