Schnartz 5.1 dTI = (27) 4 8(Ep) d Pf d PB (271) 2 EB 1 1 S(Ef +EB-E;) S(P; -PF-PB) dPF dPB Pi 7 8(Pi -Pp-Pg) Pi The dop integrated over to close the triangle X = Ef + EB - Ei = JEG12+ mp + JEB 12+ mB - Ei Apply lan of cosme, it is J[Ffit mi + J[Fit + | Pfi - 2|F. | | Pf | Cost + MB - Ei With triangle closed we have dT = = + dt & (x) (Pf) do d (Pf) dx - [Pf | Pf | - [Pilos6 => d1Pf | = dx [Pf | + [Pf | - Pilos6] |

dipf | Eft | Eg

$$\frac{|\vec{P}_{F}|}{|\vec{E}_{F}|} + \frac{|\vec{P}_{F}| - |\vec{P}_{F}| \cos \theta}{|\vec{E}_{F}|} = \frac{|\vec{F}_{F}|}{|\vec{F}_{F}|} + \frac{|\vec{F}_{F}|}{|\vec{F}_{F}|} = \frac{|\vec{F}_{F$$

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