Mura 1987 post 77

Afheriation:

$$t_3 = \frac{t_2}{t_1} = \frac{1-2v}{8\pi(1-v)}$$

iet all Signo to

$$S_{1111} = \frac{3}{t_1} a_1^2 I_{11} + t_3 I_{1}$$

$$S_{4733} = \frac{1}{t_7} a_3^2 I_{13} - t_3 I_7$$

$$S_{1212} = \frac{a_1^2 + a_2^2}{2 + a_1} I_{12} + \frac{4_3}{2} (I_1 + I_2)$$

$$S_{2772} = S_{7227} = S_{7272}$$

$$= S_{2112}$$

See (11.15)

See (11.15)

an 2 principle half ares of ellipsoid

Sijke 2 Eshelby polarization tanser

I; = Integral with

i e [1, 2, 3, 11, 22, 33, 12, 13, 23]

Desause Sight = S1212 = S1212 (= S1221) abouty hadled

In = 27 9, 9, 9, 9, 3 5 ds (17.14)

0 (9, 45) (4, 45) 8(5)

Expressions in (22.26) contain parameters as of dimension length.

Parameters I; with i E [27,22, 35, 12,23, 37] have the dimension length.