OSL+ i Sind 0-19 = m(-9) + 1 sin(-9) = m9 - 1 sinq 12 e1 - Eid 2: [(warishd) - (wst-isind)] = e 1 d + e - 1 d (wed - 1 cind) - (wed - 1 cind) = = 5009 = 009 Cire + cos 2 =) 3M29 = (5/4-6-4) = (6/4-6-19) = 1/15 (5/4) - 806-9+608 $= -\frac{1}{4} \left(e^{i2d} - 2te^{-i2d} \right) = -\frac{1}{4} \left(e^{i2d} + e^{-i2d} \right) + \frac{1}{2}$ (1) 5 = (5,9+6-19) = (6,9+6-19) = A (6,9)5+56,96,94 (6,9) = 1 (ei2d+2+e-ild) = 1 (ei2d+ei2d)+1 (= \- \frac{1}{4} (ei2d + e-i2d) + \frac{1}{2} + \frac{1}{4} (ei2d + e-i2d) + \frac{1}{2} = = = = 1

$$\frac{1}{2} \frac{1}{2} \frac{1$$

Sind sing =
$$e^{id} - e^{-id} e^{ip} + e^{-id} e^{-ip}$$

= $\frac{1}{(2i)^2} (e^{ip} - e^{ip} - e^{-ip} - e^{-ip} + e^{-ip} + e^{-ip})$
= $-\frac{1}{(2i)^2} (e^{ip} - e^{-ip} - e^{-ip} - e^{-ip} + e^{-ip})$
= $-\frac{1}{(2i)^2} (e^{ip} - e^{-ip} - e^{-ip} - e^{-ip})$
= $-\frac{1}{(2i)^2} (e^{ip} - e^{-ip})$

(MA - WSB = -2SIN (27) SIN (4=13)

(3)

$$\frac{1}{2} + \frac{1}{2} = \frac{1}{2} \left[\frac{1}{2} + \frac{$$

(U

$$SN(q-b) = SN4002b+ 0293NB$$

$$SN(q-b) = SN4002b+ 0293NB$$

$$SN400b - 02998NB - 5 = 2 2NB-B$$

$$SN400b - 02998NB - 5 = 2 2 2NB-B$$

$$SN400b - 02998NB - 5 2 2NB-B$$

$$SN400b - 2NB-B$$

$$SN400b$$

$$\frac{1}{2} \frac{1}{2} \frac{1}$$

8.1] SML + SMB = { sind = sin (\$ 1 = 5) = sin (\$ 2) w \$ 2 + w \$ 2 | sin (\$ 2) Sing = sin (2+2 + B=+) = sin (++ - +=+) = $= con \left(\frac{2}{2}\right) con \left(\frac{2}{2}\right) - con \left(\frac{2}{2}\right) son \left(\frac{2}{2}\right)$ J= [SW(478) OD (28) + OD (29) SW(28)] + + [sin (FB) on (FB) - on (FB) sin (FB) = = 2 sin (2) con (2) 82] slnd - sing = = [SW (478) ON (478) + ON (478) SW (478)]-- [sin & 18 ws (28) - vs (418) cin (28) = = 2 m (+13) su (=13)

(7)

$$\sup_{S \in S} \sup_{S \in S}$$

$$S1N2d = 251N2W24$$

 $WS2d = 1 - 251N2$
 $WS2d = 1 - 251N2$

$$snd - sn\beta = 2 cn \left(\frac{d+\beta}{2}\right) cn \left(\frac{d+\beta}{2}\right)$$

$$cnd + cn\beta = 2 cn \left(\frac{d+\beta}{2}\right) cn \left(\frac{d+\beta}{2}\right)$$

$$cnd + cn\beta = 2 cn \left(\frac{d+\beta}{2}\right) cn \left(\frac{d+\beta}{2}\right)$$

$$cnd + cn\beta = -2 cn \left(\frac{d+\beta}{2}\right) sn \left(\frac{d+\beta}{2}\right)$$

$$SIN(4+\beta) = SIND(N)\beta + CODE SIN\beta$$

$$SIN(4+\beta) = -SIND(N)\beta + CODE COS\beta$$

$$SIN(4+\beta) = -SIND(N)\beta + CODE COS\beta$$

$$SIN(4+\beta) = -SIND(N)\beta + CODE COS\beta$$