## PSS/SDP LAR 8

$$273 = 256 + 16 + 1$$

$$2^{8} \quad 2^{4} \quad 2^{\circ}$$

$$100010001$$

$$0.21875 \times 2 = 0.43750$$

$$0.4375 \times 2 = 0.8750$$

$$0.875 \times 2 = 1.75$$

$$0.75 \times 2 = 1.0$$

0.21875 : 0.00111

273.21875: 100010001.00111

$$\begin{array}{c} (3) & -22 \\ -22.21875 \end{array}$$

Positive:

<u>SM</u>

CŁ

C2

22:16+4+2

 $\frac{0010110.00000}{5}$   $\frac{1}{5}$  010110.000000  $\frac{1101001.111111}{5}$ 

4101001,111111+

 $\frac{1}{s} \frac{101010.000000}{I}$ 

-22.21875

 $\frac{000110.001110}{5}$ 

-22.21875: SV: 1 010110 .001110

CL: 1 101 001. 11000 1

C2: 1101001.110001+

1101001-110010

5

1

Quantize 
$$X_1 = 0.42625$$
  
 $X_2 = -0.4333$ 

$$0.1111 = \frac{15}{16}$$

$$0.1110 = \frac{14}{16}$$

$$-1101 = 13/16$$

$$1.0000 = -16/16$$

$$X_1 = 0.42625 = 0.42625 \times 16 = \frac{6.82}{16}$$

$$\left[0.42625\right]_{T} = \frac{6}{16} = 0.375 = 0.0110$$

$$\int R = \frac{7}{16} = 0.4375 = 0.0111$$

$$\int_{T.A.} = \frac{6}{16} = 0.375 = 0.0110$$

$$\chi_{2} = -0.4333 = \frac{-6.55}{1b} = \frac{-6.55}{1b} = \frac{-7.1001}{1001}$$

$$\chi_{2} = -0.4333 = \frac{-7.1001}{1001}$$

$$\chi_{3} = \frac{-7.1001}{1001}$$

$$\frac{16}{6/16} = 0.0110$$

$$\frac{1}{16} = \frac{-7}{16} = 1.1001$$

$$\frac{1}{16} = 0.0111$$

$$\frac{1}{16} = 0.0111$$

$$6/16 = 0.0110$$

$$-6/16 = 1.1001 + (c2) - \frac{1}{16} = 1.1000 + (x2) = \frac{-+}{16} = 1.1001$$

$$\begin{bmatrix} x_2 \\ R = \frac{-+}{16} \\ \hline x_1 \end{bmatrix}_{T,A} = \frac{--6}{16} = 1.1010$$

$$[X_1]_{T,A} = \frac{-6}{6} = 1.1010$$

$$\begin{array}{rcl}
1111 & = 15 \\
1111 & = 15/2 \\
11.11 & = 15/4 \\
.1111 & = 15/16
\end{array}$$