$$\frac{25-1}{(5+1)(5-2)} = \frac{1}{5+1} + \frac{3}{5-2}$$

$$25-1 = .7(5-2) + 3(5+1)$$

$$5' A + 3 = 2 - 3[3 = 2-1 = 1]$$

$$5' -24 + 13 = -1$$

$$-74 = -3$$

$$4 = 1$$

$$\frac{25-1}{(5+1)(5-2)} = \frac{1}{5+1} + \frac{1}{5-2}$$

$$\frac{A2}{(5-4)(5+2)} = \frac{A}{5-4} + \frac{B}{5+2}$$

$$\frac{25-2}{5-4} = A5+2A+B5-4B$$

$$\frac{25-2}{5^{\circ}} = A+B=2$$

$$\frac{35-2}{(5-4)(5+2)} = \frac{1}{5-4} + \frac{1}{5+2}$$

$$D = \begin{vmatrix} 0 & 2 & 1 \\ 1 & -15 & 4 \end{vmatrix} = 13$$

$$C = \frac{4}{169}$$

$$D = \frac{5}{4} C = -\frac{5}{169}$$

$$A = \frac{1}{169}$$

$$A = \frac{1$$

#6
$$(5+1)^{2}(5^{2}-u) = \frac{1}{5+2} + \frac{1}{(5+1)^{2}} + \frac{5}{5-2} + \frac{1}{5+2}$$

$$1 = A(5+1)(5^{2}-u) + 11(5^{2}-u) + 12(5-1)(5^{2}+25+1) + 12(5-1)(5^{2}+25$$

 $\frac{1}{(5+1)^2(5^2-4)} = \frac{-2/9}{5+1} - \frac{1/3}{(5+1)^2} - \frac{1/3}{5-2} + \frac{25/36}{5+2}$ 

$$\frac{A9}{\chi^2 + 2\chi} = \frac{1}{\chi} + \frac{3}{\chi + 2}$$

$$\chi(\chi + 2)$$

$$1 = A(\chi + 2) + \lambda \chi$$

$$\chi' A + B = 0 \Rightarrow A = -1/2$$

$$\chi^0 2A = 1 \Rightarrow A = \frac{1}{\chi}$$

$$\frac{1}{\chi^2 + 2\chi} = \frac{1}{\chi} - \frac{1}{\chi + 2}$$

$$\frac{410}{X^{2}-7x+12} = \frac{A}{X-3} + \frac{B}{X-4}$$

$$\frac{2x+1}{X^{2}-7x+12} = \frac{A}{X-3} + \frac{B}{X-4}$$

$$\frac{2x+1}{X^{2}-7x+12} = \frac{A}{X-3} + \frac{B}{X-4}$$

$$\frac{2x+1}{X^{2}-7x+12} = \frac{A}{X-3} + \frac{G}{X-4}$$