$$\begin{aligned}
& [J_{\pm},J_{\pm}] = [J_{\times},J_{\pm}] \pm i [J_{5},J_{\pm}] = -i J_{5} + J_{\times} = \\
& = +J_{\times} \pm i J_{4} = +J_{\pm} \\
& = +J_{\pm} \pm j \pm j + [J_{\pm},M] = -i J_{\pm}] + [P,M] = \\
& = +J_{\pm} \pm j \pm j + [P,M] = (M \pm 1) + [P,M] = -i \\
& = +J_{\pm} \pm j \pm j + [P,M] = (M \pm 1) + [P,M] = -i \\
& = +J_{\pm} \pm j \pm j + [P,M] = (M \pm 1) + [P,M] = -i \\
& = +J_{\pm} \pm j \pm j + [P,M] = -i \end{bmatrix} + [P,M] = -i \\
& = +J_{\pm} \pm j \pm j + [P,M] = -i \end{bmatrix} + [P,M] = -i \\
& = +J_{\pm} \pm j \pm j + [P,M] = -i \end{bmatrix} + [P,M] = -i \\
& = +J_{\pm} \pm i + [J_{\pm},M] + [P,M] = -i \\
& = +J_{\pm} \pm i + [J_{\pm},M] + [P,M] = -i \\
& = +J_{\pm} \pm i + [J_{\pm},M] + [P,M] = -i \\
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& = +J_{\pm} \pm i + [J_{\pm},M] + [P,M] = -i \\
& = +J_{\pm} \pm i + [J_{\pm},M] + [P,M] = -i + [P,M] = -i \\
& = +J_{\pm} \pm i + [J_{\pm},M] + [P,M] = -i +J_{\pm} \pm i + [P,M] = -i \\
& = +J_{\pm} \pm i + [J_{\pm},M] + [P,M] = -i +J_{\pm} + [P,M] = -i \\
& = +J_{\pm} \pm i + [J_{\pm},M] + [P,M] = -i +J_{\pm} + [P,M] = -i +J_$$

Ji ARE HERMEHIAN=> (4 Jil4>= Jil4>1 >0 B=(B,m/)2/B,m/=(Bm/)2+12+12/Pm/>> M (GIVEN THAT (FM) JZ (PZM) = mZ) FROM ED ON B- MMAX (MMAX +1) =0 PRE VIOUS PAGE) 13- mMH (m MHN-1)=0 > MMAX (MMAX +) = MAXX (MAXX -) in max + max = my - myth Mun - Mun - minax - minax = 0 MMW = 1+)1-41 (- NOWER - MESSX) = =1+ 57+4(max + max) = === (1±(2mmx+1)) 2) MUST RE INTEGER (B, m) = p(j+1), m) FECABEL >= (1-(2mmx+1) = - myax J+ 12: m> = x+ (m) 12: min -) =501/2+1)- ru(ru+1)/2, ry DEFINE: J=MH4X