



3x1 and 2x1s

Page 1



F1-

R2 U2' R2' U' R2 U2' R2'



F1+

R2 U2 R2' U R2 U2 R2'



F2-

R' U' R U2' R U2 R2' U R U' R U2' R'



F2+

R U R' U2 R' U2' R2 U' R' U R' U2 R



F3-

R U2 R' U R' U' R2 U2' R' U2 R' U R



F3+

R' U2' R U' R U R2' U2 R U2' R U' R'



3x1 and 2x1s

Page 2



F4-

R' U' R U' R2' U2 R2 U2 R' U2' R' U2' R U2 R



F4+

R U R' U R2 U2' R2' U2' R U2 R U2 R' U2' R'



F5-

R' U2' R' U2 R U2 R U2' R2' U2' R2 U R' U R



F5+

R U2 R U2' R' U2' R' U2 R2 U2 R2' U' R U' R'