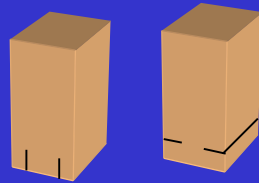
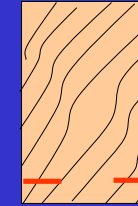
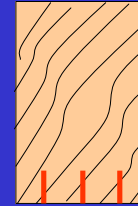
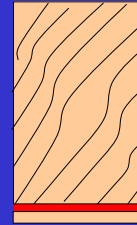


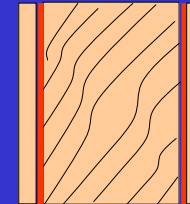
# STRENGTHENING OF TIMBER



T. TRIANTAFILLOU



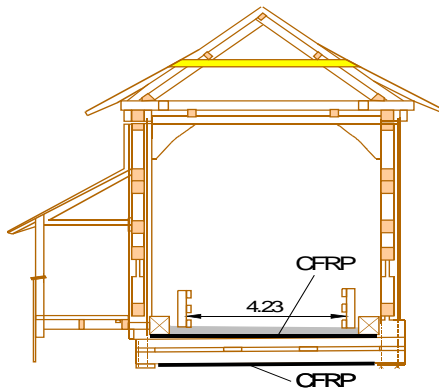
*FLEXURE (+AXIAL LOAD)*



*SHEAR*

T. TRIANTAFILLOU

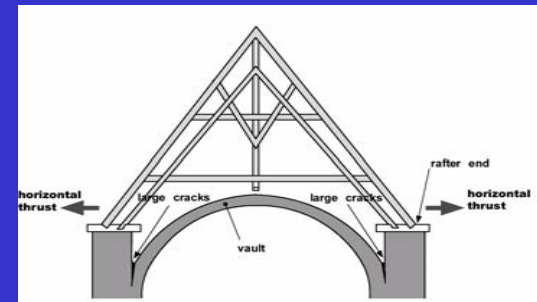
Sins Timber Bridge, Switzerland (1907)



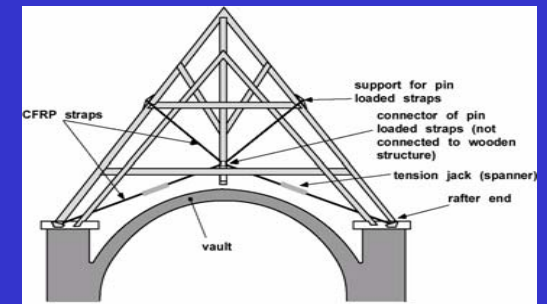
Murgenthal-Fulenbach Timber Bridge (1864)



T. TRIANTAFILLOU

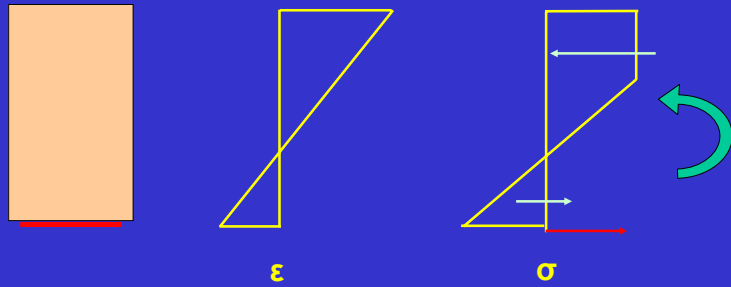


Frauenkirche Church



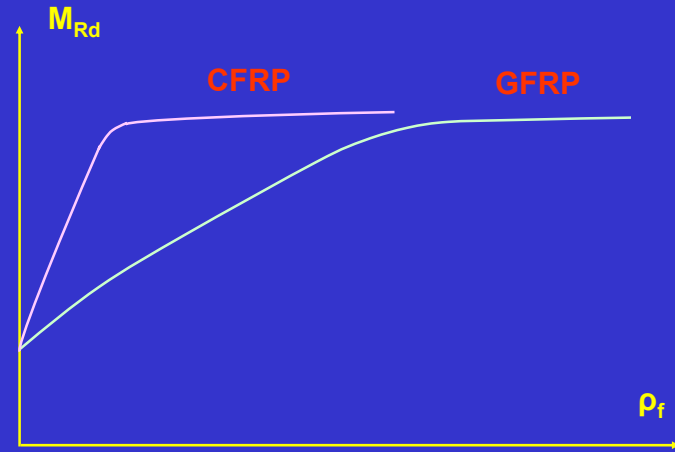
T. TRIANTAFILLOU

# CALCULATIONS FOR FLEXURAL RESISTANCE

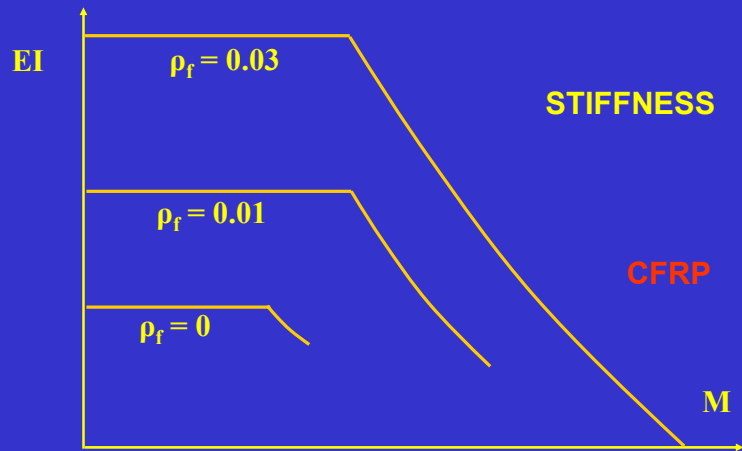


T. TRIANTAFILLOU

# FLEXURAL RESISTANCE

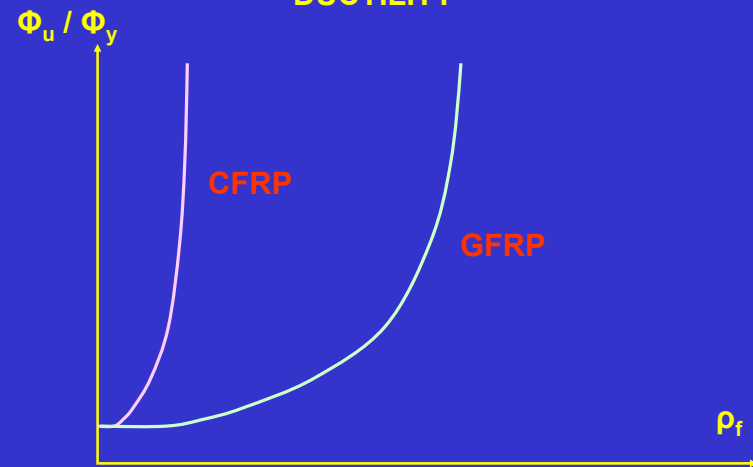


T. TRIANTAFILLOU



T. TRIANTAFILLOU

# DUCTILITY



T. TRIANTAFILLOU



T. TRIANTAFILLOU

