

4.2. Types of space frames

They are classified broadly in three categories

i. Skeleton (braced) frame work

e.g. domes, barrel vaults, double and multiplier grids, braced plates. They are more popular. They are innumerable combinations and variation possible and follow regular geometric forms.

ii. Stressed skin systems

e.g. Stressed skin folded plates, stressed skin domes and barrel vaults, pneumatic structures.

iii. Suspended (cable or membrane) structures

e.g. Cable roofs.

