5. Avoiding inconstant collapse

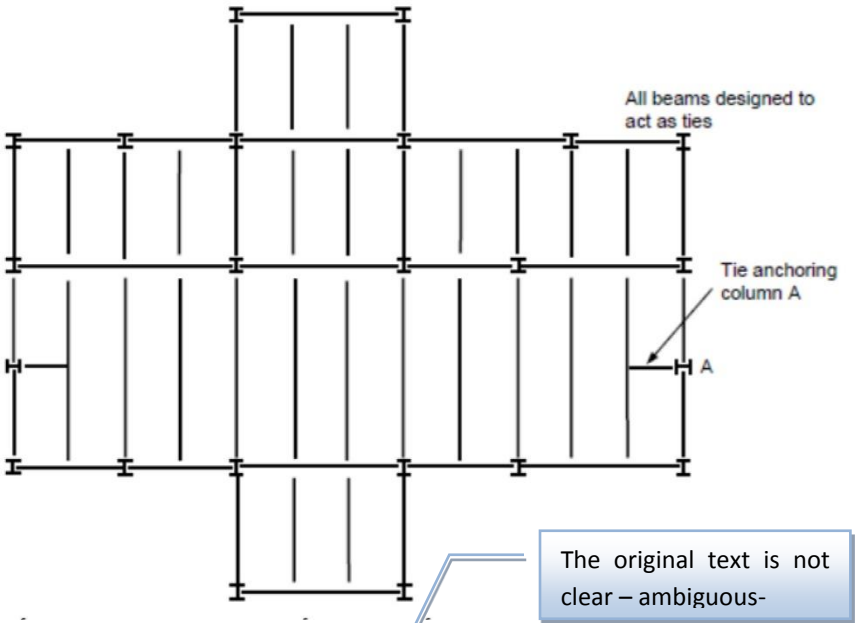
Metal buildings designed as per applicable codes may not have rapid response to inconsistent collapse if the following conditions are met:

- Horizontal ties in general shall be placed in a way that achieves continuity, durability and stability as much as possible, and be placed in each floor and roof in perpendicular directions.
- The load shall be transferred to the columns through connections between bridge/beam and column unless the steel structure is totally continuous in at least one direction. All column overlaps shall be able to resist force reaction from applicable and dead load, or dead l oads, loaded on the column on a single floor level betw d the column below it.

This is a system to resist horizontal forces; it may have a shorter name or terminology

- [Ties and other systems resisting horizontal forces] shall be distributed as recommend in the applicable code in perpendicular directions; it is not permissible to for any part of the building to connect with the [horizontal forces resistance system] in one point only.
- In case of precast concrete or other heavy systems, they shall be firmly tied on their levels by tying them together at the support or directly to the supports as recommended by the applicable code.

The Arabic word used can also mean cushions, pads..etc.



The original text is not clear – ambiguous-

- In case the above conditions are not met each floor shall be inspected -each one at a time- to ensure that inconsistent collapses will not occur due to a presumed demolition/ dismantle. Each member of the horizontal resistance system and part prone to collapse