ZZZZ407 – Validation of MACR_CARA_POUTRE with TABLE_CARA= ‘YES’

Summary:

a) This case test makes it possible to check that the messages of alarms or stop are operational when one uses the table produced by MACR_CARA_POUTRE, option TABLE_CARA = ‘YES’.
   • message of stop when some of the values are negative or worthless: With, IY, IZ, AY, AZ, JX, JG.
   • messages of alarms when:
     ◦ Coordinates of the centre of gravity of the section are pas l’origin of the grid.
     ◦ The principal reference mark of inertia is turned compared to the axes of the grid.

b) This case test also makes it possible to check that information resulting from the preceding messages, used in the order DEFI_GEOM_FIBRE, allow to relocate and turn the grid so that the main axes of inertia are the axes of the grid.