feet diameter, leaving, therefore, three spaces or intercolumniations between them, which are covered over with an arc, the two external ones closed up with a thin walling, and the middle one left open.*

**THE BRIDGE OVER THE LOIRE, AT ORLEANS,**

is constructed of stone, and is composed of nine arcs, which spring at twelve inches above low water; the middle arc is one hundred and six feet in span, with a rise of thirty feet; the two arcs at the extremities being ninety-eight feet wide and twenty-six feet high, and the others in proportion; the four middle piers are nineteen feet, the four others eighteen feet, and the abutments twenty-three feet six inches thick, making the whole length eleven hundred feet; the arcs are oval, described from three centres. This Bridge was built by M. Hupeau, was begun in one thousand seven hundred and fifty, and finished one thousand seven hundred and sixty.*

Account of the Bridge which is constructed at Paris, between the Louvre and the Hotel de Quatre Nations, and of the experiments made to ascertain its stability.

* Dr. Rees's New Cyclopaedia.