What did they know and when did they know it?
Scholastic Interpretations of Architectural Dynamics

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Expertises
- Chartres 1316
- Florence 1366
- Milan 1400

Harmonic Proportions: Amiens Cathedral
Because the buttresses of the nave of the church don't have the full size that they would need, considering the width and the height of the church, we would want to reduce the exterior aisle into chapels with a wall between one chapel and its neighbor.

- Report of three masters on Milan Cathedral, May 1400
Strategies for managing vault thrust

- Surcharge
- Pinnacle
- Buttress

Domical Vault

Surcharge
Buttress
We have looked at the buttressing arches that shoulder the vaults. They will need to be added to and re-centered or there will be great harm.
Minutes of Council of Florence Cathedral—1367

…and they have found that the walls and the columns and the shafts of the columns are standing well plumbed and vertical.

Expertises of Milan—1400

…and it was built straight and strong, and what is straight cannot fall.

M. Vitruvius Pollio,
*De architectura libri dece* (Como: Gotardo da Ponte, 1521).