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Advanced Use of Logic in Theology and Its Contemporary Application: from
Stephen Langton to Aquinas

Mediaeval theology reveals a surprisingly high level of utilizing logic. What is even more surprising, it can still be useful. In my presentation I would like to show a few examples from Stephen Langton (+1228), Robert Grosseteste (+1253), Albert the Great (+1280), Bonaventure (+1274) and Thomas Aquinas (+1274), which can be very inspiring in contemporary investigations. First, I will focus on Langton's logical theories related to the concept of non-existence and absence, including his own theory of demonstratives (in the late 12th century!). Second, I will discuss the examples of Biblical exegesis by those authors showing how they use logic to interpret the Bible (what makes their exegesis genuinely analytical), including special patterns of reasoning and non-classical approach. Finally, I will show the possible inspirations, and among them: how to utilize such examples in testing higher order capacities and performance of chatbots powered by Large Language Models.