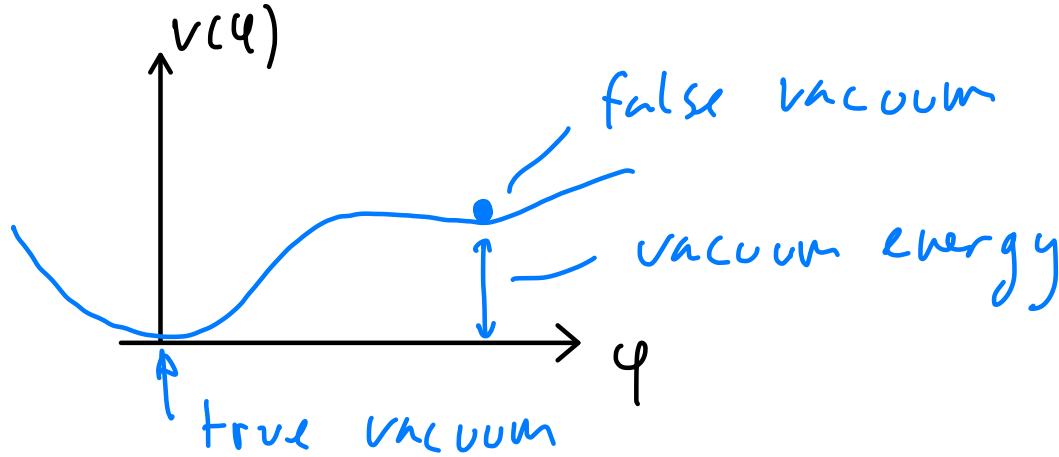


potential of φ :



During inflation, φ is in a false vacuum state (local minimum, or flat part of the potential)

At the end of inflation φ reaches the true vacuum.