

A diagram of a spiral galaxy illustrating differential rotation. The galaxy is represented by a central white spiral core surrounded by concentric gray rings. Two black arrows on the left and right sides indicate a counter-clockwise rotation. A red arrow on the outer ring points in the same direction. A black dot is located on the outer ring, with a line pointing to it from the text above. The text below the galaxy describes the slower rotation of the gas.

částice obíhající rychleji
a narážející do plynu

plyn obíhající pomaleji