

A diagram illustrating the relationship between the Lagrangian Augmented problem and the original KKT problem. A large, thick black oval encloses the central content. Inside the oval, a rectangular box contains the text "KKT" in large, bold, black letters, with "Problema Originale" in smaller black letters directly below it. Below the oval, the text "Lagrangiana Aumentata" is written in black. A vertical arrow points upwards from the "Lagrangiana Aumentata" text to the bottom edge of the rectangular box. The letter "p" is positioned to the right of the arrow, indicating the dual variable.

**KKT**

Problema Originale

p

Lagrangiana Aumentata