DESCRIPTION

This handbook deals with the asynchronous machine in its close environment. It was born from a reflection on this electromagnetic converter whose integration in industrial environments takes a wide part. Previously this type of motor operated at fixed speed, from now on it has been integrated more and more in processes at variable speed. For this reason it seemed useful, or necessary, to write a handbook on the various aspects from the motor in itself, via the control and while finishing by the diagnosis aspect. Indeed, an asynchronous motor is used nowadays in industry where variation speed and reliability are necessary. We must know permanently for the sensitive systems, the state of process and to inform the operator of the appearance of any anomaly and its severity.

ABOUT THE AUTHOR

Hubert Razik, Nancy-Université Henri Poincaré, France.