

### Prof. Mohamed Soueycatt

- **Personal Information:**

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**Languages:** French – English



- **Qualifications:**

- BSc in Electronic, physical and Mathematical Sciences, Latakia, Tishreen University, Syria (1979).
- DEA in Mathematics, Montpellier I University, France, (1985).
- PhD in Fundamental and applied Mathematics, Montpellier I University, France, (1991).

- **Publications & Scientific work:**

- Professor in the Department of Mathematics, Faculty of Science, Tishreen University.
- Lecturer at the Faculty of Medical Engineering, Al-Andalus University for Medical Sciences.
- Supervised several Msc and PhD students and participated in several committees.
- Published more than twenty scientific papers in national and international journals.
- Participated in several national and international scientific conferences

- **The vision:**

**“Digitals are youth”**

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## Prospects of the qualifying program for postgraduate studies

### Digitals

With a contemplative view of the reality of the world in which we live, we find that the universe is captive to dual propositions and divisions: war and peace, good and evil, light and darkness.

The binary (0, 1) or so-called digital binary system is the most important whereby all data and computer data are represented, and this is different from the analogue system in terms of the quality and shape of signals. The analogue signal can take any value in continuous and uninterrupted time while digital signal takes only one of the values recognized in the system in continuous or intermittent times. We note that the digital signal source is always analogue as life around us is analogue and therefore any analogue signal is converted to digital by certain techniques and procedures.

The importance of digitals is not limited to its applications in engineering, but extends to other fields of science, especially medical ones.

**Prof. Mohamed Soueycatt**