

# Functional Analysis of a Suspended Gate Transistor Consecrated to Medical Applications

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Description

The use of the microelectronic components for biomedical applications is in full expansion especially as biosensors. In order to optimize the function of these components we must know their response to different changes of their physical parameters. As an example of this kind of studies, we have chosen a suspended gate thin film transistor (SGTFT) which works as a biosensor because of its interesting high sensitivity.