ALLEGATO N.1

Tema n. 1

- Quale tecnica suggerirebbe per l'eliminazione di rumore sovrapposto a un'immagine biomedica?

- Data una variabile dipendente y e una variabile indipendente t, descrivere la tecnica per la stima dei parametri di un loro modello lineare (ad es. retta)

Prova di inglese

Bioengineering

A multidisciplinary course with a scope ranging from industrial and information engineering methodologies and technologies to medical and biological ones, training professionals with a solid culture and an authentic interest in research and technological innovation. You will learn - with a training approach based on innovation - to identify, analyse and solve often complex problems of biomedical engineering and you will acquire a title that can be spent in research, either Italian or international. You will be able to work in biomedical, biotechnological and pharmaceutical industries dealing with design and development; at public and private hospital companies, service companies for the management of medical equipment and systems and specialized laboratories and at manufacturing industries, in relation to the impact of technologies on human health.

Queste le prove Non scelte dalla Candidato

Tema n. 2

- Quale tecnica suggerirebbe per la segmentazione di un'immagine biomedica?

- Che tipo di filtro utilizzerebbe per eliminare il rumore di rete sovrapposto ad un segnale biomedico?

Prova di inglese

Information engineering

A course that covers all areas of information engineering and which, thanks to its strong methodological training and its multidisciplinary perspective, provides solid skills for those who wish to continue with a master's degree course. You will acquire in-depth knowledge of the physical-mathematical fields and of the various areas of information (also thanks to laboratories such as internet and multimedia, optics and photonics, microelectronics) and solid and innovative design skills based on the use of the most modern instrumentation. You will be able to work in those sectors of the job market where a non-superficial understanding of the fundamentals of information technologies (information technology, electronics, biomedical, telecommunications and industrial automation) is appreciated, dealing with innovation and development of production and design and management of systems.

Questa è prova scelta dalla candidata

Il segr... Daniele A