

## Prof. Redha TAIAR



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### Teaching

- Biomechanics: kinematics analysis of sport movement
- Biomechanics: kinetics analysis of sport movement
- Human Locomotion
- Biomechanical Design
- Biomaterials,
- Biomechanical Instrumentation
- Stresses analysis by the Finite elements method

### Research Interests

- Fluid mechanics analysis
- Finite elements analysis
- Stress analysis
- Gait analysis
- Biomechanical modeling
- Biomaterials
- Posturography
- Mechanical loads acting on the skeletal system during physical exercise
- Clinical applications of movement analysis