

TURKISH PHYSICAL SOCIETY
27th INTERNATIONAL PHYSICS CONGRESS
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Istanbul University
Istanbul - TURKEY

BOOK of ABSTRACTS



ÖZET KİTABI

TÜRK FİZİK DERNEĞİ
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HOW DOES A BLIND STUDENT MEASURE THREE BASIC UNITS IN MECHANICS

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This study was prepared to explain how a blind student measure all mechanical quantities which can be expressed in terms of three basic quantities. The primary Systeme Internationale (SI) units for mechanics are the kilogram (mass), the meter (length) and the second (time). These units are important because all formulas in mechanics may be written with these three basic units and if a blind student can measure these units, he or she may perform lots of experiments individually. For this study we had investigated which materials were used in the literature and which is available to buy, then some other materials were designed which are simple, cheap to make and usable. For this study, our measurement materials were tested with a blind student. The experiment was about motion with different masses in a inclined plane. The findings were positive. The student could manipulated different values and reached correct hypothesis.



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Türk Fizik Derneği
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CERTIFICATE of ATTENDANCE

M. Şahin BÜLBÜL

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Assoc. Prof. Yeşim ÖKTEM
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