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*Abstracting and Indexing:*

			
			
			
			

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**THE EFFECT OF COBALT CONTENT ON MAGNETIC PROPERTIES OF CoFe ALLOYS***Widia Nursiyanto, L. Rohman, M. Alfatun N., E. Purwandari***UNCERTAINTY ANALYSIS OF LABORATORY MEASUREMENT OF AIRBORNE SOUND INSULATION***Bondan Dwisetyo, Maharani Ratna Palupi, Fajar Budi Utomo***THE STABILITY STUDIES OF MIXED HALIDE PEROVSKITE  $\text{CH}_3\text{NH}_3\text{PbBr}_x\text{I}_{3-x}$  THIN FILMS IN AMBIENT WITH AIR HUMIDITY 70% USING UV-VIS SPECTROSCOPY AND X-RAY DIFFRACTION***Ayi Bahtiar, Khairul Habibie***THE MAGNETIC PROPERTIES MEASUREMENT OF COIL FOR GRAVITATIONAL ACCELERATION DETERMINATION***Cherly Salawane, Supriyadi Supriyadi, Ronaldo Talapessy, Mirtha Yunitha Sari Risakotta***A PRELIMINARY STUDY OF RADIATION QUALITY CORRECTION FACTOR (KQ) DETERMINATION FOR WELL-TYPE IONIZATION CHAMBER***Assef Firnando F, Okky Agassy Firmansyah, Cahya Wulandari, R. Pramuji Ramadhani S***THE MONITORING SYSTEM OF INDOOR AIR QUALITY BASED ON INTERNET OF THINGS***Agung Pangestu, Muhammad Yusro, Wisnu Djatmiko, Arie Jaenul***MEASURING INSTRUMENT FOR REFILLED DRINKING WATER USING A TDS SENSOR***Dudi Adi Firmansyah, Kamila Rofa Khairunnisa Ibadurrohman, Bernadus Bisma Titis Restu Aji, Suprijanto Suprijanto***THE SYNTHESIS AND CHARACTERIZATION OF ZINC OXIDE THIN FILM DOPING SELENIUM***Miranti Agustin, Ari Sulisty Rini, Akrajas Ali Umar*



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## EDITORIAL FOREWORD

SPEKTRA: Jurnal Fisika dan Aplikasinya is dedicated to all physics practitioners. The coverage of SPEKTRA includes: Instrumentation and Computational Physics, Material Physics, Medical Physics and Biophysics, Astrophysics, Theoretical Physics, Particle and Nuclear Physics, Environment Physics, Renewable Energy, and other fields related to the application of physics.

SPEKTRA Volume 5 issue 2 contains 8 papers: 1) The Effect of Cobalt Content on Magnetic Properties of CoFe Alloys; 2) Uncertainty Analysis of Laboratory Measurement of Airborne Sound Insulation; 3) The Stability Studies of Mixed Halide Perovskite  $\text{CH}_3\text{NH}_3\text{PbBr}_x\text{I}_{3-x}$  Thin Films in Ambient with Air Humidity 70% using UV-Vis Spectroscopy and X-Ray Diffraction; 4) The Magnetic Properties Measurement of Coil For Gravitational Acceleration Determination; 5) A Preliminary Study of Radiation Quality Correction Factor (k<sub>Q</sub>) Determination for Well-Type Ionization Chamber; 6) The Monitoring System of Indoor Air Quality Based on Internet of Things; 7) Measuring Instrument for Refilled Drinking Water using a TDS Sensor; and 8) The Synthesis and Characterization of Zinc Oxide Thin Film Doping Selenium.

Hopefully, SPEKTRA can be a reference for readers and researchers in developing physics and its application.

Jakarta, 31 August 2020

Editor-in-Chief,

Widyaningrum Indrasari





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