

TABLE OF CONTENT

On the Beta Topp-Leone Exponential Distribution

Atchariya Watthanawisut, Winai Bodhisuwan and Thidaporn Supapakorn.....1

Confidence interval for the parameter of the zero-truncated Poisson distribution

Patarawan Sangnawakij 13

Cubic B-spline and Generalised Linear Models for COVID-19 Patients in Thailand

Orathai Polsen and Pianpool Kamoljitprapa.....23

Fuzzy Cumulative Sum Control Chart for Monitoring Fuzzy Process

Thitanon Charurotkeerati.....34

The Controlled-release Phosphorus Fertilizer with Silica from Rice Husk

Patcharaporn Pimchan, Pornpan Tana, Rattanaorn Kongprom,
Sirinan Pimulkan, Ammara Thaotho and Sonchai Intachai.....43

Nutritional value and antioxidant activity of some reintroduced underutilized vegetables in Nigeria

Israel O. Otemuyiwa, Boladale W. Akinbola, Ifeoluwa O. Akinyemi,
Comfort O. Bamiro and Akinsanmi A. Akingbade.....52

Forecasting of Wollongong Prices via the Use of Statistical Methods

Warangkhan Riansut.....65

Efficiency comparison of control charts for monitoring a positive mean shift in Poisson process

Autchariya Saenkaing and Sawaporn Hinsheran.....80

A confirmatory factor model analysis of self acceptance of the elderly in Chumtabong district

Nakhonsawan province, Aweeporn Panthong, Monthaya Panchan and
Sukanya Sripongut.....94

A mixed exponentially weighted moving average - optimal synthetic modified Tukey's control chart for monitoring a symmetric process mean

Utitt Yongsang, Chanaphun Chananet and Saowanit Sukparungsee.....115

Flood Susceptibility Analysis using Geographic Information System, Frequency Ratio and Relative Frequency Ratio Methods in San Pa Tong District, Chiang Mai, Thailand

Worawit Suppawimut.....134

TABLE OF CONTENT (cont.)

Risk analysis of PM_{2.5} and PM₁₀: A case study at Khon Kaen City

Jureemat Pornsopin, Piyapatr Busababodhin, Tossapol Phoophiwfa,
Monchaya Chiangpradit and Pannarat Guayjarernpanishk.....157

Production of Puff Sticky Rice Fortified with Tuna Powder

Paponpat Pattarathitawat and Pornpachen Chuchird.....173

Effects of Watermeal (*Wolffia arrhiza* (L.) Wimm.) powder supplement to the quality of fresh noodles

Suteera Khemthong, Pattharaporn Yuthachit, Jirawan Oonmettaaree,
Laddawan Yamthonglang, Kittisak Mungphuklang and Buppachat Toboonsung.....183

Product development of massaman flavored sangyod rice (*Oryza sativa* L.) spread

Suthatip Kongkan and Orawan Oupathumpanont.....201

Effect of drying methods and conditions on yield and physicochemical properties of gac aril powder

Suthida Akkarachaneeyakorn, Ratchanon Phaisarn, Wachirawit Artsanthia and
Kumpol Krettaweemonkong.....220

Improving the physical properties of fibers from banana leaf sheath using coating for handicraft

Sopida Wisansakkul and Orawan Oupathumpanont.....243

Effect of Tungsten Precursors on the Activity of W/ZrO₂ in the Dehydration of Ethanol

Chukkapong Comsup and Peangpit Glinrun.....258

Surface Hardening of SKD61 Steel using Low-Temperature Plasma Nitriding

Suninad Kaewnaisai and Artit Chingsungnoen.....277

The Univariate Skew-Normal Distribution

Phontita Thiuthad.....293