Specification of Jagged Spot by the Lipper Sonance of Stuff Delivery on the Spread Variance Knowledge System

Jeong-lae Kim, Kyung-seop Kim

Abstract : Lipper variance technology is comprised the sonance status for textiles-dot pattern of the glitter knowledge rate (GKR) and differentiation knowledge rate (DKR) on the lipper knowledge gestalt. The knowledge rate condition by the lipper knowledge gestalt is comprised with the spread sonance system. As to investigate a textiles-dot pattern of the jagged variance, we are comprised of the lipper value with lipper layer point by the spread-down structure. The concept of knowledge rate is made sure of the reference of glitter rate and differentiation rate for variance signal by the lipper sonance gestalt. Moreover to turn up a jagged variance of the GKR-DKR of the medium in terms of the lipper-sonance gestalt, and lipper point sonance that is obtained the a lipper value of the far variance of the Li-kg-FA-$\rho_{MAX-AVG}$ with 5.72±(-1.85) units, that was the a lipper value of the convenient variance of the Li-kg-CO-$\rho_{MAX-AVG}$ with 1.71±(-0.59) units, that was the a lipper value of the flank variance of the Li-kg-FL-$\rho_{MAX-AVG}$ with 0.78±(-0.06) units, that was the a lipper value of the vicinage variance of the Li-kg-VI-$\rho_{MAX-AVG}$ with 0.12±(-0.03) units. The spread sonance will be to appraisal at the ability of the lipper-sonance gestalt for the restrain degree knowledge rate on the GKR-DKR that is to be obvious the jagged glitter and differentiation gestalt by the knowledge rate system. Spread knowledge system will be appraisal of a gestalt by the special signal and to sum a lipper data of spread sonance rate.

Index terms: Glitter knowledge rate, Lipper knowledge gestalt, Spread knowledge system, Spread sonance.

I. INTRODUCTION

Stuff variation comes from the lipper wavelength moving and means spreading part. From the mathematical point of view, it is a complex mechanical figure and it is difficult to state if it is a point, a plane or it has several dimension, and what its scatter observation is. A variation object is characterized by its regularity and repeatability, because it can indicate that a process change has taken place; it cannot say what produced the change. For closed loop control the important process parameters have to be identified and measured. Input parameters such as feed, depth of cut, cutting speed etc. The rate of this regularity is described by the variation dimension, which is not a positive integer number. The variation dimension does depend on the state of the object; meaning that any chief ingredient of the object looks exactly the same like the whole object.

The variation shape describes the diversity of the object by evaluating the rapidity by which the stuff degree,

The variation shape describes the diversity of the object by evaluating the rapidity by which the stuff degree, the surface area or the state of the object changes, with an increasing accuracy [1].

This is an important distinction because all methods for calculating variation dimension are applicable to self-dispersion versions, along with continuing advancements in design and fabrication procedures have led to the synthesis of complex systems and structures having intricate material distributions and variable results for the variation dimension [2-3]. Another calculating the variation dimensions is to variable methods for calculating layer structure dimensions. The layer structure type is to be obvious the anisotropic structures [4].

In this study was the sonance status of the lipper knowledge technology that is comprised the jagged variance of the stuff for textiles-dot pattern with glitter and differentiation variance by the lipper knowledge gestalt. This glitter and differentiation value is put on show the glitter rate (GR) and differentiation rate (DR) with the knowledge function that is to be obvious to take a basis reference from lipper layer, is obvious a position of the textiles-dot pattern, confirmed the lipper value with spread-down layer on the stuff. The lipper-sonance is to confirm the ability of the variance function with the jagged degree that is accrued the glitter knowledge rate and differentiation knowledge rate by the lipper knowledge gestalt.

II. MATERIALS AND METHODS

A. Sequence control procedure

The lipper knowledge gestalt (Li-KG) is turned up the peculiarity of textiles-dot gestalt on the stuff. Spread down layer position activity is analogized the jagged changes by the glitter down rate (GDR). The results of GDR are mediated to be the restriction of lipper sonance rate (Li-SR). The lipper sonance gestalt (Li-SG) is comprised of with stuff of the lipper sonance change in the glitter activity and differentiation activity (Figure 1)[5-6].

B. Methods of spread down layer position system

The Li-KG system is to employ the serious formation on the lipper knowledge gestalt system (Li-KGS). Serious of Li-KG is to employ the jagged spread rate that is similar to a restrain lipper-sonance by spread down layer position technology (SDLPT). Jagged lipper sonance is comprised in the spread point gestalt that is leaded by the lipper layer (Li-

Revised Manuscript Received on February 1, 2019

Jeong-Lae Kim, Department of Biomedical Engineering, Eulji University, Seongnam, South Korea,

Kyung-seop Kim, Department of Liberal Arts, Eulji University, Seongnam, South Korea, (Corresponding Author*)

L) tool. The arithmetic peculiarity by Li-KG is leaded to the point of output-restrictions by the lipper structure (Li-S) in the spread point gestalt. The lipper-sonance gestalt by Li-KG is to employ to the point of output-restrictions by the spread knowledge rate (SKR) in the Li-KGS. The spread point gestalt (SPG) was estimated a down sonance technology (DRT) of side direction from spread down layer (SDL) on the SDLPT of Li-KG. The spread knowledge rate gestalt (SKRG) is to take spread signal from spread layer structure mechanisms on the SDLPT of Li-KG. The lipper glitter differentiation rate (Li-GVR) is to take the spread knowledge and the spread gestalt on SKR. The SKR is obvious to counter on the jagged spread signal by the spread knowledge gestalt (SKG) (Figure 2)[7-8, 14-18].

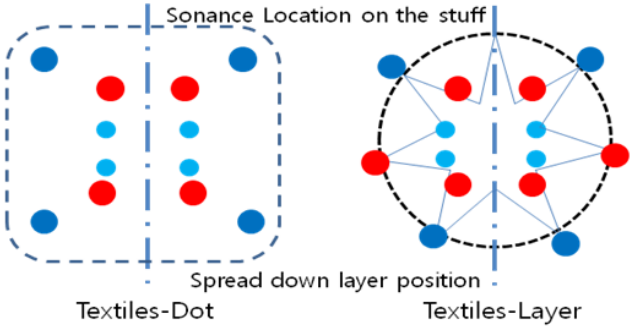

Fig 1 Glitter and differentiation functions of textiles-dot sonance location on the stuff

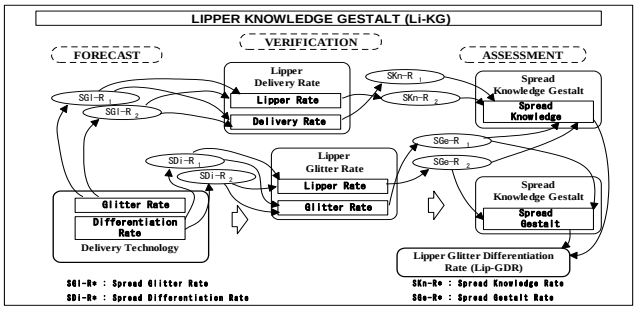

Fig 2 System block of spread down layer position technology by glitter rate and differentiation rate on the lipper structure

C. Stability evaluation of Spread-down Index

Turn up the spread-down spot score on the Li-KG is turn up with the Overall Sonance Rate (OVR), Far-Convenient Sonance Rate (FCSR) and Flank-Vicinage Sonance Rate (FVSR). These rates of standard deviations that to apprise the path of point around the side layer from the spread-down layer of the spot and are to employ in degrees. The Li-KG sonance rate scores are to take the displacement for jagged signal in far-convenient (FC) and flank-vicinage (FV) that to be Li-FC and Li-FV. The displacements at upper of layer from FC-axes of horizontal along Li-FC as x-direction and from FV-axes of vertical Li-FV along FV-axes as y-direction are obvious as Li-KG-FC and Li-KG-FV respectively. FCSR can confirm that the phase of the main layer signal depends both on the propagation channel and the modulating properties of the side layer, which can be both frequency and power-dependent by the Li-KG-FC. FVSR can to employ both amplitude and phase of the disclosed spread structure signal as I and Q is the current the far-convenient and flank-vicinage by the Li-KG-FV. Li-FC is the modulated carrier of far-convenient on the Li-KG, Li-FV is the modulated carrier of flank-vicinage on the Li-KG, $\Delta P_{Li\text{-}KG}$ is with amplitude and phase of the received spread structure signal of the $I_{Li\text{-}FC}$ and $Q_{Li\text{-}FV}$ on the Li-KG [9-10].

$$\Delta P_{Li-KG} = \frac{I^2_{Li-KG-FC}+Q^2_{Li-KG-FV}}{Z_0}, \quad \varphi = \arctan\frac{Q_{Li-KG-FV}}{I_{Li-KG-FC}} \quad (1)$$

$$|\Delta_\gamma| = \sqrt{I^2_{Li-KG-FC} + Q^2_{Li-KG-FV}} = \sqrt{\Delta P_{Li-KG-RF-FC} + Z_0} \quad (2)$$

Where, Z_0 is the input impedance of the receiver. The indirectly measured spread-down spot score data, represented as $\Delta\gamma$, is related to the differential reflection coefficient Li-KG-FC and Li-KG-FV, can thus be obtained as:

$$\angle(\Delta_\gamma) = \arctan\frac{Q_{Li-KG-FV}}{I_{Li-KG-FC}} = \varphi \quad (3)$$

Therefore, the test setting that includes the communication range between pin of lipper sonance layer and their system consist of the properly turn up by the monitoring [11].

Lipper spread-down gestalt (Li-SDG) is to confirm a combination scores both Li-SDG-FV and Li-SDG-FC on the lipper sonance layer.

The "Li-SDG-value" is to take from absolute ρ-Li-KG values, so it is more sensitive to FV-FC and ρ-Li-KG level fluctuations. In general, the ρ-Li-KG based Li-SDG employ the free space propagation model in Eq. 4:

$$\rho\text{-Li-KG}(r)[\text{n.u.}] = \rho\text{-}_{Li\text{-}SDG\text{-}FC}\ \gamma\ /r^{\rho\text{-}Li\text{-}SDG\text{-}FV}$$
$$\equiv \rho\text{-Li-KG}(r)[\text{dB}]$$
$$= 20\log10(\rho\text{-}_{Li\text{-}SDG\text{-}FV}) - \rho\text{-}_{Li\text{-}SDG\text{-}FC}\ 20\log10(r) \quad (4)$$

'r' is the range or distance, and $\rho\text{-}_{Li\text{-}SDG\text{-}FV}$ and $\rho\text{-}_{Li\text{-}SDG\text{-}FC}$ are coefficients that can be apprised from a non-linear regression that minimizes the root mean square (RMS) by a set of between lipper sonance layer. The expression rate of ρ-Li-KG(r) is already linear with respect to $\rho\text{-}_{Li\text{-}SDG\text{-}FV}$ and $\rho\text{-}_{Li\text{-}SDG\text{-}FC}$ [12-13].

III. RESULTS AND DISCUSSION

A. Properties of the sequence selection

Lipper knowledge gestalt (Li-kg) is confirmed the sonance status for textiles-dot pattern of the glitter rate (GR) and differentiation rate (DR) on the sonance technology (ST) condition. ST is to fix the jagged objects of the lipper glitter rate (Li-GR) on the Li-kg-gestalt. And, ST is to embezzle the equivalent things of the lipper differentiation rate (Li-DR) on the Li-KG-gestalt. The results are confirmed the lipper knowledge gestalt system (Li-KGS) in accordance with the restriction of glitter knowledge rate (GKR). The experiment is lead to peculiar a variance of differentiation knowledge rate (DKR) is turn up in the spread knowledge gestalt activities (SKGA). The experiment of Li-kg-gestalt is obvious the Li-kg-ρ_{AVG}, Li-kg-$\rho_{MAX\text{-}MIN}$ and Li-kg-$\rho_{MAX\text{-}MED}$ database which are collected from the lipper signal

sonance gestalt by the Li-kg activities (Table 1). Lipper signal sonance gestalt data are used Matlab6.1 for the calculations.

Table 1: Average of the lipper structure gestalts: the far GKR-DKR (Li-kg-FA$\rho_{MAX-AVG}$), convenient GKR-DKR (Li-kg-CO$\rho_{MAX-AVG}$), flank GKR-DKR (Li-kg-FL$\rho_{MAX-AVG}$) and vicinage GKR-DKR (Li-kg-VI$\rho_{MAX-AVG}$) condition. Average of Li-kg-ρ_{AVG} and Li-kg-ρ_{MIN}

Average ρ	FA ρ Avg-GKR-DKR	CO ρ Avg-GKR-DKR	FL ρ Avg-GKR-DKR	VI ρ Avg-GKR-DKR
Li-kg-$\rho_{MAX-AVG}$	5.72±(-1.85)	1.71±(-0.59)	0.78±(-0.06)	0.12±(-0.03)
Li-kg-$\rho_{AVG-MIN}$	5.12± 3.66	1.42± 0.93	0.68± 0.35	0.11± 0.05

B. Improvements of multiple seequence selections

Comparison Database of GKR-DKR on the Li-kg-ρ_{AVG} and Li-kg-$\rho_{MAX-MIN}$ and Li-kg-$\rho_{MAX-MED}$:

Lipper knowledge gestalt (Li-KG) on the far (FA-ρ) condition is to be turned up a glitter knowledge rate-differentiation knowledge rate (GKR-DKR) value for the Li-kg-FA-$\rho_{MAX-MED}$, Li-kg-FA-ρ_{AVG} and Li-kg-FA-$\rho_{MAX-MIN}$ (Figure 3). The large lipper of the Li-kg-FA-ρ_{AVG} is to the flank-vicinage (FV) direction in the Li-KGS. Furthermore, Li-kg activities of far GKR-DKR are confirmed the small lipper to differential between the Li-kg-FA-$\rho_{MAX-MED}$ and Li-kg-FA-$\rho_{MAX-MIN}$ with the same direction in the Li-KGS. In the Li-kg activities of far GKR-DKR is confirmed a large lipper at 11.96±4.07 unit with Li-kg-FA-ρ_{AVG} of the lipper structure gestalt. In the far GKR-DKR of Li-kg activities is confirmed large lipper at 10.85±1.81 unit with Li-kg-FA-$\rho_{MAX-MIN}$ in the Li-KGS. The activities of lipper structure gestalt in the far GKR-DKR is to be take that a lipper mediate is arise the FV direction in the Li-KGS. It is a jagged role in the lipper activities of a Li-kg-Far of far sonance. In the lipper of Li-kg activities is confirmed a small lipper at 5.70±1.24 unit with Li-kg-FA-$\rho_{MAX-MED}$. The spread phenomenon of the far GKR-DKR is lead serious to vary the Li-KGS by the spread structure in the Li-kg activities direction.

Lipper knowledge gestalt (Li-KG) of convenient (CO-ρ) condition is to be turned up a glitter knowledge rate-differentiation knowledge rate (GKR-DKR) value for the Li-kg-FA-$\rho_{MAX-MED}$, Li-kg-FA-ρ_{AVG} and Li-kg-FA-$\rho_{MAX-MIN}$ (Figure 3). Li-kg activities of convenient GKR-DKR are confirmed the some lipper to differential between Li-kg-CO-$\rho_{MAX-MED}$ and Li-kg-CO-ρ_{AVG} with the same direction in the Li-KGS. Whereas, the Li-kg activities of convenient GKR-DKR is confirmed very small lipper the Li-kg-CO-$\rho_{MAX-MED}$ by the lipper structure gestalt on the FV direction in the Li-KGS. Li-kg activities of convenient GKR-DKR are confirmed small lipper at 5.84±1.18 unit with Li-kg-CO-ρ_{AVG} of the lipper structure gestalt. In the convenient GKR-DKR of Li-kg activities is confirmed very small at 3.14±0.39 unit with Li-kg-CO-$\rho_{MAX-MIN}$ on the FC direction in the Li-KGS. The activities of lipper structure gestalt in the convenient GKR-DKR is to be take that a lipper is arise the same direction in the Li-KGS. But, it is a jagged role in the lipper activities of a convenient sonance. In the lipper of Li-kg activities is confirmed very small lipper at 1.77±0.14 unit with Li-kg-CO-$\rho_{MAX-MED}$ on the FC direction. The spread phenomenon of the convenient GKR-DKR is lead serious to vary the Li-KGS by the spread structure in the same direction. The convenient GKR-DKR is confirmed to vary a very more variance of spread sonance than the far GKR-DKR in the Li-kg activities direction.

Lipper knowledge gestalt (Li-KG) of flank (FL-ρ) condition is to be turned up a glitter knowledge rate-differentiation knowledge rate (GKR-DKR) value for the Li-kg-FA-$\rho_{MAX-MED}$, Li-kg-FA-ρ_{AVG} and Li-kg-FA-$\rho_{MAX-MIN}$ (Figure 3). Li-kg activities of flank GKR-DKR are confirmed small lipper at Li-kg-FL-$\rho_{MAX-MIN}$ and Li-kg-FL-ρ_{AVG} of the lipper structure gestalt on the FV direction in the Li-KGS. Whereas, differently the very small lipper value of Li-kg-FL-$\rho_{MAX-MED}$ is to the FV direction in the Li-KGS. Li-kg activities of flank GKR-DKR is confirmed very small lipper at 1.91±0.54 unit with Li-kg-FL-ρ_{AVG} of the lipper structure gestalt. In the flank GKR-DKR of Li-kg activities is confirmed slightly small at 1.46±0.29 unit with Li-kg-FL-$\rho_{MAX-MIN}$ on the FC direction in the Li-KGS. The activities of the lipper structure gestalt in the flank GKR-DKR is to be take that a lipper is arise the same direction in the Li-KGS. But, it is a jagged role in the lipper activities of a flank sonance. In the lipper of Li-kg activities is confirmed little lipper at 0.82±0.46 unit with Li-kg-FL-$\rho_{MAX-MED}$. The spread phenomenon of the flank GKR-DKR is lead serious to vary the Li-KGS by the spread structure in the same direction. The flank GKR-DKR is lead excellently to vary the Li-KGS by **the** spread sonance at the Li-kg activities.

Lipper knowledge gestalt (Li-KG) of vicinage (VI-ρ) condition is to be turned up a glitter knowledge rate-differentiation knowledge rate (GKR-DKR) value for the Li-kg-FA-$\rho_{MAX-MED}$, Li-kg-FA-ρ_{AVG} and Li-kg-FA-$\rho_{MAX-MIN}$ (Figure 3). Li-kg activities of vicinage GKR-DKR are confirmed very little lipper at Li-kg-VI-$\rho_{MAX-MED}$ and Li-kg-VI-ρ_{AVG} and of Li-kg-VI-$\rho_{MAX-MIN}$ the lipper structure gestalt on the FC direction in the Li-KGS. Li-kg activities of vicinage GKR-DKR is confirmed very little lipper at 0.35±0.09 unit with Li-kg-VI-ρ_{AVG} of the lipper structure gestalt. In the vicinage GKR-DKR of Li-kg activities is confirmed very little at 0.23±0.02 unit with Li-kg-VI-$\rho_{MAX-MIN}$ on the FC direction in the Li-KGS. The activities of the lipper structure gestalt in the vicinage GKR-DKR is to be take that a lipper is arise the same direction in the Li-KGS. But, it is a jagged role in the lipper activities of a vicinage sonance. In the lipper of Li-kg activities is confirmed very small lipper at 0.13±0.04 unit with Li-kg-VI-$\rho_{MAX-MED}$ on the FC direction in the Li-KGS. The spread phenomenon of the vicinage GKR-DKR is lead serious to vary the LI-KGS by the spread structure in the normal direction. The vicinage GKR-DKR is lead slightly to vary the Li-KGS by the spread sonance at the Li-kg activities.

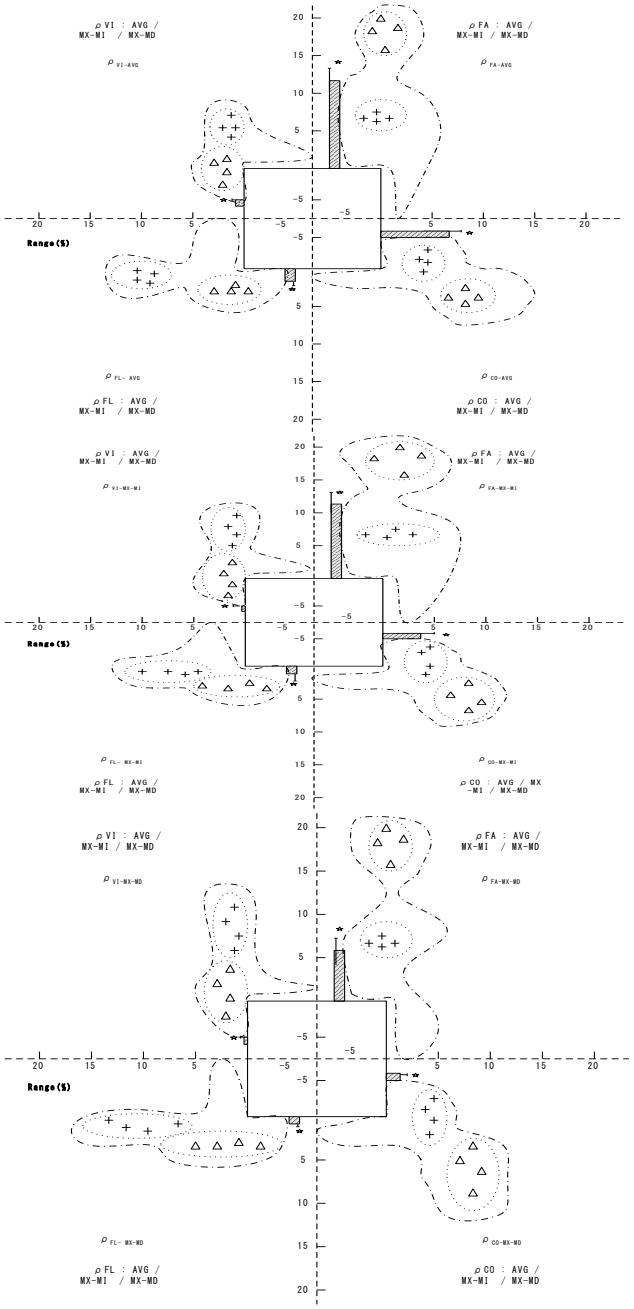

Fig 3 Li-kg-gestalt of the data on the lipper condition for activities: restriction of the Li-kg-ρ_{AVG} and Li-kg-$\rho_{MAX-MIN}$ and Li-kg-$\rho_{MAX-MED}$

IV. CONCLUSION

In this paper, lipper knowledge technology was to comprise the sonance knowledge with the lipper knowledge gestalt by the lipper layer of knowledge rate. This lipper gestalt was to be put on show a point of the lipper-sonance by the knowledge rate, to make sure of a variance data from the basis reference by glitter rate (GR) and differentiation rate (DR). As to appraisal a position of the lipper layer, we are confirmed the lipper point with spread-down layer on the stuff distribution. Therefore, the lipper-sonance is to confirm the ability of the variance function with the jagged degree that is accrued the glitter knowledge rate and differentiation knowledge rate by the lipper knowledge gestalt

REFERENCES

1. Whitehouse D.J., Fractal or fiction, Wear, Vol.249, 345–353, 2001.
2. Tarasov V., Acoustic waves in fractal media: non-integer dimensional spaces approach, Wave Motion, Vol.63, 18–22, 2016. https://doi.org/10.1016/j.wavemoti. 2016.01.003.
3. Tarasov V., Wave equation for fractal solid string, Mod. Phys. Lett. B, Vol.19(15), 721–728, 2005. https://doi.org/10.1142/S0217984905008712.
4. M. Ponge, X. Jacob, V. Gibiat, Elastic-wave transmission through self-similar anisotropic cantor-like multilayer, Europhys. Lett. 114 (2) (2016) 24002. http://stacks.iop.org/0295-5075/114/i=2/a=24002.
5. V301-1,302-1,306-p// Kim J.L., Choi J.S, Hwang K.S., A Study on Anticipation System of Shudder Distinction by the Physical Shape Alteration in Static Condition, The Journal of IIBC (JIIBC), Vol.17(3),115-120, 2017. DOI 10.7236/JIIBC.2017.17.3.115
6. Kim J.L., Kim K.D., Prediction of shiver differentiation by the form alteration on the stable condition, International Journal of Internet Broadcasting and Communication (IJIBC), Vol.9(4), 8-13, 2017. DOI 10.7236/IJIBC.2017.9.4.8
7. Kumar, B. S., & Cristin, R. A Survey on Efficient Power Management Using Smart Socket and IoT. Review of Computer Engineering Research, 5(2), 25-30, 2018.
8. Munoz, A. A Security Scheme for Protecting Agent Societies. Review of Computer Engineering Research, 5(1), 1-11, 2018.
9. Huiting J, Flisijn H, Kokkeler ABJ, Smit GJM. Exploiting phase measurements of EPC Gen2 RFID structures. IEEE Int Conf RFID-Technol Appl (RFID-TA), 1–6, 2013.
10. Bekkali A, Zou SC, Kadri A, Crisp M, Penty RV., Performance analysis of passive UHF RFID systems under cascaded fading channels and interference effects. IEEE Trans Wirel Commun., Vol.14, (3), 1421–33, 2015.
11. DiGiampaolo E, Martinelli F. (2014), Mobile robot localization using the phase of passive UHF RFID signals. IEEE Trans Ind Electron, Vol.61(1), 365–76.
12. López Y. Á., Gómez M.E., Andrés F.L.H., A received signal strength RFID-based indoor location system, Sensors and Actuators A, Vol.255, 118–133, 2017.
13. Chawla K., McFarland C., Robins G., Shope C., Real-time RFID localization using RSS, in: 2013 International
14. Conference on Localization and GNSS (ICL-GNSS), Turin (Italy), (25–27 June), 1–6, 2013.
15. Ali, A., & Haseeb, M. (2019). Radio frequency identification (RFID) technology as a strategic tool towards higher performance of supply chain operations in textile and apparel industry of Malaysia. Uncertain Supply Chain Management, 7(2), 215-226.
16. Awang, Z., Ahmed, U., Hoque, A. S. M. M., Siddiqui, B. A., Dahri, A. S., and Muda, H. (2017). The Mediating Role of Meaningful Work in the Relationship Between Career Growth Opportunities and Work Engagement, International Academic Confernce on Business and Economics (IACBE 2017), Faculty of Economics and Management Sciences (FESP), Universiti Sultan Zainal Abidin (UniSZA), October 07-08
17. Haseeb, M., Abidin, I. S. Z., Hye, Q. M. A., & Hartani, N. H. (2018). The Impact of Renewable Energy on Economic Well-Being of Malaysia: Fresh Evidence from Auto Regressive Distributed Lag Bound Testing Approach. International Journal of Energy Economics and Policy, 9(1), 269-275.
18. Haseeb., H. Z., G. Hartani., N.H., Pahi., M.H. Nadeem., H. . (2019). Environmental Analysis of the Effect of Population
19. Growth Rate on Supply Chain Performance and Economic Growth of Indonesia. Ekoloji, 28(107).
20. Suryanto, T., Haseeb, M., & Hartani, N. H. (2018). The Correlates of Developing Green Supply Chain Management Practices: Firms Level Analysis in Malaysia. International Journal of Supply Chain Management, 7(5), 316.


International Journal of Recent Technology and Engineering
IJRTE
www.ijrte.org
Exploring Innovation


International Journal of Recent Technology and Engineering
IJRTE
www.ijrte.org
Exploring Innovation