Leveraging social media news to predict stock index movement using RNN-boost[⋆,⋆⋆]

Sir V. Ānand Rawat[a,c,*,1] (Researcher), Han Theh Thanh[b,d], T. Rishi Nair Jr[b,c,2] (Co-ordinator) and Karl Berry[a,c,**,1,3]

[a]*Indian TEX Users Group, Trivandrum 695014, India*
[b]*Sayahna Foundation, Jagathy, Trivandrum 695014, India*
[c]*TEX Users Group, Providence, MA, USA*

ARTICLE INFO

Keywords:
keyword-1
keyword-2
keyword-3

ABSTRACT

In this work we demonstrate a_b the formation Y_1 of a new type of polariton on the interface between a cuprous oxide slab and a polystyrene micro-sphere placed on the slab. The evanescent field of the resonant whispering gallery mode of the micro sphere has a substantial gradient, and therefore effectively couples with the quadrupole 1^S excitons in cuprous oxide. This evanescent polariton has a long life-time, which is determined only by its excitonic and component. The polariton lower branch has a well pronounced minimum. This suggests that this excitation is localized and can be utilized for possible. The spatial coherence of the polariton can be improved by assembling the micro-spheres into a linear chain.

1. Section-1

Text of section-1 [1].

2. Section-2

Text of section-2 [2].

3. Section-3

Text of section-3 [3].

References

[1] Fortunato, S., 2010. Community detection in graphs. Phys. Rep.-Rev. Sec. Phys. Lett. 486, 75–174.
[2] Newman, M.E.J., Girvan, M., 2004. Finding and evaluating community structure in networks. Phys. Rev. E. 69, 026113.
[3] Vehlow, C., Reinhardt, T., Weiskopf, D., 2013. Visualizing fuzzy overlapping communities in networks. IEEE Trans. Vis. Comput. Graph. 19, 2486–2495.

⋆This document is the results of the research project funded by the National Science Foundation.
⋆⋆The second title footnote which is a longer text matter to fill through the whole text width and overflow into another line in the footnotes area of the first page.
*Corresponding author
**Principal corresponding author
cvr_1@tug.org.in (V.Ā. Rawat); rishi@sayahna.org (T.R. Nair); karl@freefriends.org (K. Berry)
www.cvr.cc, www.tug.org.in (V.Ā. Rawat); www.sayahna.org (T.R. Nair); www.tug.org (K. Berry)
ORCID(s): 0000-0001-7511-2910 (V.Ā. Rawat)