



SDI Review Form 1.6

Journal Name:	Asian Journal of Chemical Sciences
Manuscript Number:	Ms_AJOCS_41290
Title of the Manuscript:	The static (hyper)polarizabilities of push-pull polyenes : A theoretic and computational study
Type of the Article	Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments		
Minor REVISION comments	<ol style="list-style-type: none"> In Abstract, line 7, "...conjugated polyene within..." should be "...conjugated polyene (NH₂-(CH=CH)_N-NO₂) within...". In Computational Details, line 42 (Eq.1), line 43 (Eq.2) and line 44 (Eq.3), what is meaning of h? h should be explained. In Computational Details, What is values of electric fields used? (in Eq.s) In References, Line 95, "S. van Gisbergen..." sholud be "S.J.A. van Gisbergen...". Line 100, "M. Peach, E. Tellgren, S.Salek,..." sholud be "sholud be "M. J. G. Peach, E.I. Tellgren, P.Salek,...". Line 103. "... 29, 1096." should be "... 29, 1650." 	
Optional/General comments	<ol style="list-style-type: none"> In Results and Discussion, The data obtained with different methods plotted in Fig. 1, Fig. 3, and Fig. 5 should be listed in tables for reader. 	

Reviewer Details:

Name:	Betül Karaçoban Usta
Department, University & Country	Department of Physics, Sakarya University, Turkey