



SDI Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_40586
Title of the Manuscript:	Optimum selection of a lattice central's tower for a heliostat's field.
Type of the Article	Technical Paper

General guideline for Peer Review process:

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

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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
<u>Compulsory</u> REVISION comments	1. Major language editing is needed to make the paper more readable. 2. Use English instead of Spanish in defining the terms for Eq. (1). 3. The cross-section (or footprint) of the tower does not need to be circular or hexagonal. It can be any shape (including square) provided that it provides the necessary framework to support receptors facing multiple directions. 4. It is the strength-to-weight and stiffness-to-weight ratios, not just the weight that determines how effective the tower is. 5. In Table 1, the symbol used between W_x and W_y should be replaced by the word "or". 6. Change all occurrences of Death Loads to Dead Loads. 7. A newer version of the AISC LRFD standard should be used in the design. (The newest version of 2016).	For observation 3: We're agree with your observation, all shapes of towers can have receptors in multiple directions with the help of a secondary structure. But in this paper the analysis avoids the use of these ones. The analysis is made under the premise that only the tower's shape will be the reference for the colocation of receptors. For observation 4: In the analysis between the three different towers, the total capacity of strength or the total capacity of stiffness is not required. Because the only restriction about these topics are the maximum allowed values obtained from the Mexican standards. The strength will be limited by the minimum weight of elements that accomplish the resistance the actions applied and the stiffness is controlled by the maximum allowed displacement.
<u>Minor</u> REVISION comments	1. The word Methodology is spelled wrong in the title of Section 3. 2. The title of Section 3.1 should be "Energy efficiency", not "Energetic efficiency". 3. Static-lineal analysis should be replaced by linear static analysis. 4. The word "dame" in the sentence right after the section 4.2 should be replaced by the word "same". 5. The word structuration is used in the wrong context.	The observations were solved. The authors thank for the comments.
<u>Optional/General</u> comments	In its present form, the paper contains too many grammatical, syntax, and spelling errors; and has too much missing information for publication in CJAST.	The observation was solved. The authors thank for the comments.