## Flight and Molecular Modeling Study on the Response of Codling Moth, $Cydia\ pomonella$ (Lepidoptera: Tortricidae) to (E,E)-8,10-Dodecadien-1-ol and Its Geometrical Isomers

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In a previous study we have reported that both (E,Z)-8,10-dodecadienol (E,Z) and (Z,Z)-8,10-dodecadienol (Z,Z) isomers inhibit the attraction of male codling moth,  $Cydia\ pomo-nella\ L$ . when added to (E,E)-8,10-dodecadienol (E,E) while the (Z,E)-8,10-dodecadienol (Z,E) isomer induces slight increase in the number of males attracted to the pheromone source. In the present study, we have tested the behavioral activity of the individual geometrical isomers E,Z; E,E and E