



3... ECA VRT 2012 Multilanguage DVD [dvd-0912] [CD-R].rar 2... Eca VRT DVD 2012.rar 1... Eca VRT DVD 2012 [new].rar 0... ECA VRT 2011 DVD-R [EU].rar Q: Convert list of strings to strings with arrays I have a list of strings like this: ['a1','a2','a3'] And I need to transform into a list of strings like this: ['a1','a2','a3'] a1,a2,a3 How could I achieve this? A: This is a typical sample for a list comprehension: >>> l = ['a1','a2','a3'] >>> l = [x.strip(' ') for x in l] >>> l ['a1', 'a2', 'a3'] Effect of macromolecular crowding and temperature on the steady-state and dynamic characteristics of a thermally activated molecular switch. Molecular switches (MSs) based on Förster resonance energy transfer (FRET) are promising materials for use as multifunctional components in nanotechnology applications, such as molecular logic gates and nano-thermometers. However, the current design strategies of MSs have largely ignored the effect of environmental parameters on their mechanical, optical, and electrochemical properties, as these factors have been treated as constant. In this paper, we present a theoretical analysis of the effect of the macromolecular (MM) environment on the conformational equilibria, and fluctuations of a FRET pair-based MS. Specifically, we used a coarse-grained molecular model to analyze the effect of MM size and MM concentration on the statistical properties of the MS and on its steady-state response to either temperature or concentration of a putative chemical trigger. Our results show that the solvent properties significantly alter the stability and response of the MS. Specifically, MM-concentration and MM-size affect the second-order and third-order frequency moments of the MS energy landscape, respectively. In addition, MM-concentration regulates the frequency distribution of transition times between the states of the MS and the FRET efficiency, while MM-size and MM-size-concentration alter the energy landscape of the system. The obtained results provide a better understanding of

