Abstract Submitted
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Dipolon Theory of High T_C Superconductivity–First Discovered Two High Energy Kink Features in Electron Energy RAM SHARMA, University of Illinois at Chicago, Chicago, IL — It has been revealed that the two high energy kinks in high T_C superconductors (HTSC) in electron energy at ~ 100 mev and ~ 160 mev which were stated as found new [1], were discovered earlier [2] via dipolon theory [3,4] in explaining the photoemission line shape (sharp peak, dip and broad peak) and the low energy kink at ~ 70 mev. It was also mentioned [2] that the details for the high energy kinks would be reported elsewhere [5]. Thus Ref. 1 should be corrected by replacing "new" by "discovered earlier" in the text including the title. The dipolon theory is strong coupling field-theory including Mott renormalization, nonrigid electron bands, electron-hole asymmetry and all important and necessary electron correlations and not only explains but also predicts correctly the properties of HTSC [2-5].

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