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Matching Scherrer's k essence argument with alterations of di quark scalar fields permitting an eventual cosmological constant dominated inflationary expansion ANDREW BECKWITH — We previously showed that we can use di-quark pairs as a model of how nucleation of a new universe occurs. We now can construct a model showing evolution from a dark matter dark energy mix to a pure cosmological constant cosmology due to changes in the slope of the resulting scalar field, using much of Scherrer's k-essence model. This same construction permits a use of the speed of sound, in k essence models evolving from zero to one. Having the sound speed eventually reach unity permits matching conventional cosmological constant observations in the aftermath of change of slope of a di-quark pair generated scalar field during the nucleation process of a new universe.

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