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养老基金投资组合的常方差弹性(CEV)模型和解析决策

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摘要：针对以年金形式发放待遇的缴费预定制养老基金，在退休前和退休后的两个阶段，分别构建了常方差弹性(CEV)模型，并应用Legendre变换将原问题转化为对偶问题，在追求指数效用最大化的条件下，求得了精确解析解，从而确定了这两个阶段的最优投资决策.

关键词：缴费预定制养老基金；随机控制；常方差弹性(CEV)模型；Legendre变换；解析决策
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