## 

 ГЕМФЕ 27-6-2012.





(ii) $A \nu \mathbf{S}=\{1,2,3,4\}, \Delta_{0}=\{\mathbf{S}\}, \Delta_{1}=\{\{1,2\},\{3,4\}\}, \Delta_{2}=\{\{1\},\{2\},\{3\},\{4\}\}$, каı $x(0, s)=6$, 久ла ка́খิ $s, x(1,1)=x(1,2)=5, x(1,3)=x(1,4)=8$ $x(2,1)=6, x(2,2)=3, x(2,3)=10, x(2,4)=5$.
(a) $H x$ єivaı $\sigma \tau \chi \chi a \sigma \tau ı \kappa \eta ́ ~ a \nu \in ́ \lambda ı \xi \eta ;$
(b) $A \nu p=\left(\frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}\right), \eta x$ єívaı martingale;
 martingale.




 viovet $\epsilon$ í $\tau \eta$ short position.



$$
\begin{gathered}
\Delta_{0}=\{\boldsymbol{S}\}, \Delta_{1}=\{\{1,2,3\},\{4,5\}\}, \Delta_{2}=\{\{1,2\},\{3\},\{4,5\}\}, \\
\Delta_{3}=\{\{1\},\{2\},\{3\},\{4\},\{5\}\} .
\end{gathered}
$$



$$
V^{1}=(0,2,3,1,3,3,4,0,1,4,1), V^{2}=(0,1,1,2,3,1,1,2,1,3,2)
$$

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$$
q^{1}=(3,2,3,2,2,1,0,0,0,0,0), q^{1}=(2,1,2,3,1,2,0,0,0,0,0) .
$$








 $k=11$ Evó́.



 $\{\mathbf{S}\}, \Delta_{1}=\{\{1,2,3\},\{4,5,6\}\}, \Delta_{2}=\{\{1,2\},\{3\},\{4\},\{5,6\}\}, \Delta_{3}=\{\{1\},\{2\},\{3\},\{4\},\{5\},\{6\}\}$. Eбть то хрпиатооюкоуоиıко́ бчцво́даю $x=(0,2,5,4,6,3,2,5,1,3,0,1,1)$, $\omega$ s






K $\alpha \lambda \eta \eta^{\text {E }}$ Erıruxí $\alpha$.

