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**Information  
Maximization  
Fails to  
Maximize  
Expected  
Utility in a  
Simple  
Foraging**

# Model

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J. Chiel, Peter J.  
Thomas

*(Submitted on 22  
Oct 2010)*

Information  
theory  
has  
explained  
the  
organization  
of many  
biological  
phenomena,  
from the  
physiology  
of  
sensory  
receptive  
fields to  
the  
variability  
of  
certain  
DNA  
sequence  
ensembles.  
Some  
scholars  
have  
proposed

that  
information  
should  
provide  
the  
central  
explanatory