

**Who quotes and in which publication:** Richard W. Lymn  
Kinetic Analysis of Myosin and Actomyosin ATPase  
Ann. Rev. Biophys. Bioeng. 1979. **8**:145-63

**Transliteration of the Last name:** Des**shch**erevsky

**The cited work of V.I.Deshcherevsky in the list of references of the quoting article:**

Page 162 (in file 18) References

**16.** Des**shch**erevsky, V.I. 1977. J. Theor. Biol 64:517-34

### **Quote**

**Page 159** (in file page 15)

The observations of Bremel, Murray & Weber (10, 11) at low substrate concentration are given an alternate explanation by Des**shch**erevsky (**16**), who supplies a kinetic model for regulation of actomyosin ATPase.

Despite the problems in the model just given, it illustrates one of the key points of Hill (34, 35), namely tension is developed by a biochemical state rather than a transition. Other points, such as the dependency of transitions on X, follow from mechanical studies on muscle and are discussed at length by Eisenberg & Hill (18).