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A new perspective on the development of motor variability during middle childhood

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Propositions

Belonging to the thesis

A new perspective on the development of motor variability during middle childhood

By Laura Golenia

1. Motor variability in middle childhood development has structure and can entail a positive role. (this thesis)
2. Characterizing only simple performance measures does not suffice to understand developmental changes. (this thesis)
3. Organism, task, and environmental constraints influence age-related changes of motor variability during middle childhood when performing goal-directed reaching movements. (this thesis)
4. The dynamic systems theory is more suitable for explaining developmental changes than the computational neuroscience approach. (this thesis)
5. More understanding about Developmental Coordination Disorder is gained by focusing on variability in coordination patterns and not just on variability in performance measures. (this thesis)
6. Instead of eliminating variability, rehabilitation practices should focus on allowing variability in coordination patterns to help children with Developmental Coordination Disorder to find more solutions for a particular task. (this thesis)
7. A dynamic approach can change the way you think about development and it can change the way you conduct research in development. (Esther Thelen & Linda Smith)
8. The path of development is a journey of discovery that is clear only in retrospect, and it's rarely a straight line. (Eileen Kennedy-Moore)
9. Just try new things. Don't be afraid. Step out of your comfort zones and soar, all right? (Michelle Obama)
10. Es gibt zwei Arten, sein Leben zu leben: entweder so, als wäre nichts ein Wunder, oder so, als wäre alles ein Wunder. (Albert Einstein)