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	Altri autori (Persone)	FranceJ KebreabE
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	Nota di contenuto	Linear models for determining digestibility / M.S. Dhanoa, S. Lopez and J. France Nonlinear functions in animal nutrition / S. Lopez Interesting simple dynamic growth models / J.H.M. Thornley The dilemma in models of intake regulation : mechanistic or empirical / D. Poppi Models to measure and interpret exchange of metabolites across the capillary bed of intact organs / J. Cant and F. Qiao Modelling protozoal metabolism and volatile fatty acid production in the rumen / J. Dijkstra, E. Kebreab, J. France and A. Bannink Modelling methane emissions from farm livestock / J.A.N. Mills Supporting measurements required for evaluation of greenhouse gas emission models for enteric fermentation and stored animal manure / C. Wagner-Riddle [et al.] Data capture: development of a mobile open-circuit ventilated hood system for measuring real-time gaseous emissions in cattle / N.E. Odongo [et al.] Efficiency of amino acid utilization in simple-stomached animals and humans : a modelling approach / P.J. Moughan Compartmental models of protein turnover to resolve isotope dilution data / L.A. Crompton [et al.] Assessment of protein and amino acid requirements in adult mammals, with specific focus on cats, dogs, and rabbits / A.K. Shoveller, J.L. Atkinson Mathematical representation of the partitioning of retained energy in the growing pig / C.F.M. de Lange, P.C.H. Morel and S.H.

	Birkett Aspects of energy metabolism and energy partitioning in broiler chickens / G. Lopez and S. Leeson Modelling phosphorus metabolism / E. Kebreab [et al.] Methodological considerations for measuring phosphorus utilization in pigs / M.Z. Fan [et al.] The prediction of the consequences of pathogen challenges on the performance of growing pigs / I. Kyriazakis, F.B. Sandberg and W. Brindle Factors regulating feed efficiency and nutrient utilization in beef cattle / K. Swanson and S. Miller Models of nutrient utilization by fish and potential applications for fish culture operations / D.P. Bureau and K. Hua Integrated approaches to evaluate nutritional strategies for dairy cows / A. Bannink, J. Reijs and J. Dijkstra Modelling lactation potential in an animal model / M.D. Hanigan, C.C. Palliser, A.G. Rius The diary of Molly / R.L. Baldwin Modelling sugarcane utilization by dairy cows in the tropics / A.G. Assis [et al.] Simulation exercises for animal science MSc students : rumen digestion and pin growth / W. L.L. Cerrits fet al.]
Sommario/riassunto	Mathematical modelling is increasingly applicable to the practical sciences. Here, mathematical approaches are applied to the study of mechanisms of digestion and metabolism in primary animal species. It
	integrated approach to mathematical modelling in animal nutrition.