

2E3s

Does Physics Need New Natural Philosophy?

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The great book of mankind “Philosophiæ Naturalis Principia Mathematica” by Isaac Newton was the top achievement and the beginning of decay of traditional natural philosophy that spent a lot of efforts thinking about most general problems of God, Nature, Space, and Time. During two centuries many new natural sciences have appeared, and new sciences have made old natural philosophy useless and senseless. New natural sciences use experimental data, mathematical proofs, and new systems of idealized images, which model real objects. Traditional natural philosophy was considered as old fashion and even harmful way of thinking.

Now in XXI century a question arises: is there any place for natural philosophy in modern science? The wise Albert Einstein protected philosophy. He brilliantly recognizes the new status of philosophy.