

Many complicated problems have simple or at least understandable version, which can be pleasant to listen to and to think about. This work presents the reader with an interesting problem about hats, which, as it turns out, surprises with a number of variations, diversity of procedures and unexpected results. Work will (hopefully) serve as entertaining mathematical literature for anyone who wants to look at these problems, or as a good source of logical problems of this kind. The first part is therefore written in a relaxed language and style, problems are set in one (perhaps overly fairy-tale) story. Mathematics hidden behind problem solving is presented in the second part.