

PREFACE

This colloquium was one of similar colloquia of Commission 36 held in the past few years. The president of Commission 36, Professor A. B. Underhill, planned this colloquium, while the staff members of the Universitäts-Sternwarte München were responsible for the local organization. There was an urgent need to discuss problems connected with the structure of extended atmospheres and line formation in these atmospheres.

Each session of the colloquium had one or two introductory papers followed by discussion. The number of contributed papers was limited.

There was no case where the chairman was forced to cut off the discussion because of lack of time, but there was an important criticism by J. C. Pecker and R. N. Thomas: "This colloquium has absolutely no point, if it is so formal that no one ventures to say anything except the older people who think they know what they are doing anyway. It is very important that the younger people take part in the discussion."

When compiling these proceedings we have tried to report the discussion remarks as far as possible, when they were relevant to the problem. The paper by G. Rybicki arrived only as the manuscript of this conference was going to press. We were forced to omit the discussion of this paper from the proceedings because the discussion could not be understood without the paper.

We are very grateful to Anne B. Underhill for the decision to hold this colloquium at Munich. We thank all participants of the conference for coming to our institute.

H. G. Groth
P. Wellmann