

Name / Ayman salah taha Mohamed

Date and place of birth / 7/11/1982 – Meet Rahena – Badrachen – Giza

Degree / ph degree in Conservation Department

Specialization /Treatment of Manuscripts and Organic material

Supervisors /

Prof. Dr. Hussam EL.Din Abdel Hamid Mahmoud

Dr . Sawssan Said Darouish

Dr.Hesham Mahmoud Emam

Title of thesis / Experimental applied study to evaluate" FOXING " spots effect on old paper manuscripts properties, with applied modern methods of treatment and conservation, applied on selected objects.

Summary /

The research entitled " Experimental applied study to evaluate" FOXING " spots effect on old paper manuscripts properties, with applied modern methods of treatment and conservation, applied on selected objects. . The research consists of four chapters divided into empirical and theoretical part and applicable and practical part. The aim of the theoretical part is to present the subjects concerning experimental researches and those are in relation to practical one. Theoretical part is included in the chapter's first, analysis study in the second chapter, and whilst the experimental part is extended in the third chapter, and the chapter four includes practical part on samples of monumental paper manuscripts. The first chapter, entitled: "study the causes Foxing spots and their impact on the properties of the ancient paper manuscripts with maintenance treatment proposals Preface chapter studying the history of the spread of spots of foxing on old papers the materials bleaching to remove the stains of foxing on the papers use of enzymes and lasers remove foxing stains found on the manuscripts and old paper. The second chapter,

entitled "laboratory analytical study to identify the causes and mechanical be foxing stains on paper manuscripts archaeological. This study addresses the knowledge chemical composition and ingredients, which is composed of Foxing on publications and manuscripts paper old order access to the material and appropriate ways to remove these stains without affecting the properties of publications and manuscripts. The third chapter, entitled "experimental study" Addresses side Trial of the message and starts manufactures samples and paper modern so that similarity papers publications and manuscripts paper ancient in nature and circumstances of the desire to get scientific results closer to the accuracy and reality., The fourth chapter, entitled "applied study" deals with the treatment and restoration folder IV (archaeological) of the Encyclopedia of Description of Egypt.