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Nota di contenuto	Physiology and Behaviour of Animal Suffering; Contents; Foreword; Preface; 1 Introduction; 1.1 What Is Suffering?; 1.2 Why Worry about Animal Suffering?; 1.3 When Can We Stop Worrying about Animal Suffering?; 1.4 Recognising Suffering in Animals; 1.5 Can Animals Go Mad?; 1.6 What Constitutes Animal Suffering?; 1.7 Conclusions; 2 Stress; 2.1 Stress Physiology; 2.2 Stress-related Disorders; 2.3 Restraint Stress; 2.4 Stress-induced Analgesia; 2.5 Stress-induced Seizures and Fits; 3 Anxiety and Fear; 3.1 Introduction; 3.2 Anxiety; 3.3 Experimental Models; 3.4 Fear; 3.5 Fright; 3.6 Phobias 3.7 Panic3.8 The Role of the Amygdala; 3.9 Losing One's Mother; 4 Emotional Numbness and Deprivation; 4.1 Anhedonia; 4.2 Depression; 4.3 Social Isolation in the Newborn; 4.4 Sensory Deprivation in Early Life; 4.5 Sensory Deprivation in Later Life; 4.6 Social Isolation and Barren Environments; 4.7 Stereotypies and Neurotic Behaviours; 4.8 Learned Helplessness; 4.9 Post-traumatic Stress Disorder; 4.10 Sleep

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## Sommario/riassunto

Suffering is a state of mind that is difficult to measure and analyse in human beings and considerably more so in animals. It is related to the environment in which we live and our physical and mental states. Understanding the physiology of suffering in animals is crucial in assessing animal welfare. Written by an expert in applied welfare aspects of physiology, this book is the first to address the physiological aspects of suffering in animals. It explores the different causes of suffering - physical discomfort, thirst and hunger, the responses in the body that lead to sufferi

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