Contents

C	Contents List of Abbreviations									
Li										
1	Introduction									
	1.1	Motivation	1							
	1.2	Structure	5							
2	Literature Review									
	2.1	Economic Literature on Referees	7							
	2.2	Contest Literature	8							
	2.3	Corruption Literature	13							
3	The	e Ancient History of Sports Referees	17							
4	The	e Role of Referees in Sports Contests	23							
	4.1	The Model	23							
	4.2	Symmetric Games	30							
		4.2.1 A Symmetric Game without a Referee	30							
		4.2.2 A Symmetric Game with an Honest Referee	32							



xii Contents

		4.2.3	The Value of an Honest Referee	33					
	4.3	Asymr	metric Games	35					
		4.3.1	An Asymmetric Game without a Referee	35					
		4.3.2	An Asymmetric Game with an Honest Referee	43					
	4.4	The T	hreat of a Corrupt Referee	47					
5	The	The German Criminal Law on Sports Corruption							
	5.1	Corrup	otibility and Corruption in Business Intercourse (Sec-						
		tion 29	99 Criminal Code)	56					
	5.2	Crimir	nal Offenses in Office (Sections 331 et seq. Criminal Code)	57					
	5.3	Fraud	(Section 263 Criminal Code)	58					
		5.3.1	The Referee as the Principal Offender \dots	58					
		5.3.2	The Referee as a Secondary Offender	59					
		5.3.3	The Competitor as the Principal Offender	61					
	5.4	Embez	zlement (Section 266 Criminal Code)	63					
		5.4.1	Club Managers as Offenders	63					
		5.4.2	Referees as Offenders	65					
	5.5	5 Cooperative Prevention of Corruption by State Pow							
		Federa	tion Authority	66					
		5.5.1	Autonomy of Associations	66					
		5.5.2	The "Draft Bill"	69					
6	Ince	entives	for Sports Corruption	73					
	6.1	Costs	and Benefits From Corruption	74					
		6.1.1	For the Contestant	74					
		6.1.2	For the Referee	7 5					
	6.2	The Model							
	63	Ontim	al Incentivization Mechanism - Two Ontions	81					

Contents xiii

		6.3.1	Option (1) - Targeting the Contestant 82						
		6.3.2	Option (2) - Targeting the Referee 87						
		6.3.3	Option (1) versus Option (2) 91						
	6.4	A Cor	ntestant's Incentives to Bribe the Referee 92						
	6.5	A Ref	eree's Incentives to Accept a Bribe						
7	Ant	Anti-Corruption Policy Suggestions 9							
	7.1	Gener	al and Institutional Policies						
		7.1.1	Responsible Media Coverage						
		7.1.2	Independent Investigating Institution 100						
		7.1.3	Code of Conduct						
		7.1.4	System of Checks and Balances 102						
		7.1.5	Whistleblowing System						
		7.1.6	Anonymous Help Organization 104						
	7.2	Conte	st Design and Regulatory Policies						
		7.2.1	Technological Assistance						
		7.2.2	Skill Enhancement of Referees 106						
		7.2.3	Efficient Performance Evaluation						
		7.2.4	Job Rotation						
		7.2.5	Number of Referees						
		7.2.6	Secrecy of Referee Assignment						
		7.2.7	Referee's Remuneration						
	7.3	The "	Draft Bill"						
8	Conclusion 117								
	8.1	Summ	nary of Results						
	8.2	Limita	ations and Proposals for Prospective Research 122						

xiv Contents

Appendix	125				
A.1 The Asymmetry Level Maximizing Effort Choices	125				
A.2 The Effect of an Asymmetry in Productive Playing Ability					
the Referee's Value	127				
A.3 The Effect of a Biased Referee on the Game Quality	129				
A.4 Option (1) - Targeting the Contestant	130				
A.5 Option (2) - Targeting the Referee	136				
References	145				