



















EREMNITZ UNIVERSITY OF TECHNOLOGY Predominant Kicking Techniques – Purposes								
	Full Instep	Inner Instep	Side Foot					
Women	51	88	330					
Men	42	60	407					
ι	Clearance	Pass	ing, Crossing					
		۲ Shots on Goal						
Movement	Measurement Technology	Performance	Footwear Perspective					































Task	CoV _{6 kicks}	CoV _{6 kicks}
∕lax KV	0,034	0,633
/lax KA	0,044	0,550
∕lax KV	0,032	0,477
/lax KA	0,052	0,613
∕lax KV	0.029	0.573
/lax KA	0,047	0,572
	lask lax KV lax KV lax KV lax KA lax KV lax KA	Task COV6 kicks fax KV 0,034 fax KA 0,044 fax KV 0,032 fax KA 0,052 fax KV 0,029 fax KA 0,047





















































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Kicking Accuracy – Benefit Hypotheses								
 Shape: Homogenous pressu 	re distributi	ion between ball a	and shoe					
 Friction: High friction between 	ball and s	hoe						
 Spin: Spin production allow 	vs stable fli	ght path						
 Ball Sensing: Better ball sensing 								
 Shoe Weight: Larger moment of ine 	ertia results	in more stable s	wing leg path					
 Support foot stability: Enhancement of kick 	ing foot mo	ovement control						
			Hennig & Sterzing	2010				
Movement Measurement Te	echnology	Performance	Footwear	Perspective				























