





















ICASMI .	2020 ³	th Interna Science	ational Confe Mathematics	rence on App and Informat	lied lics	ăs m ê					
Adsorption kinetics					× /						
			Kinetics Model								
	Adsort	ant	Pseudo-fir	st-order	Pseudo-second-order						
	Auson	CIII	K ₁ (min ⁻¹)	R ²	K ₂ (g mg ⁻¹ min)	R ²					
	DC	CV	0.019	0.309	5.455	0.984					
	Fð	MB	0.018	0.309	1.392	0.994					
AND	PSM	CV	0.019	0.311	2.331	0.965					
		MB	0.018	0.309	0.501	0.989					
	Figure 5. Pseudo-first-order and pseudo-second-order parameters for the adsorption of solution pair of MB and CV by (a) PS and (b) PSM.										
Dsyprmta – copyright @ 2020											



ICASMI	2020 ^{3 th} International Conference on Applied Science Mathematics and Informatics						🕘 TČăsmi				
Adsorption isotherm		× /									
			Isotherm Model								
			Langmuir			Freundlich					
	Adsorbent		n _m	KL			K _F				
			(mg/g)	(L/mg)	R ²	n	(mg/g)	R ²			
							$(L/mg)^{1/n})$				
	PS	CV	112.359	0.323	0.618	1.419	27.283	0.820			
		MB	2.066	0.722	0.627	0.104	2.755	0.829			
	PSM	CV	13.642	0.381	0.612	0.836	15.111	0.933			
		MB	4.887	1.298	0.494	0.239	20.118	0.502			
HOLE A	Figure 7. Langmuir and Freundlich parameters for the adsorption of solution pair of MB and CV by (a) PS and (b) PSM.										
Dsvprmta – copyright @ 2020											



