

Fondements Des Mathématiques Logique Théorie Des Ensembles

Haoran Li

July 14, 2020

	L'étude de ce que l'on a	The study of what one customly	
	<small>study</small> <small>what</small> <small>we</small>		
	coutume d'appeler les <i>fondements</i>	called the <i>fundamentals of math-</i>	
	<small>custom</small>	<i>matics</i> , has been relentlessly pur-	
	<i>des Mathématiques</i> , qui s'est	sued since the debut from 19th cen-	
	<small>who</small> <small>its</small>	tury, couldn't become any better	5R
	poursuivie sans relâche depuis	without some effort in parallel the	
	<small>pursue</small> <small>without</small> <small>released</small> <small>since</small>	systemization of logic, at least those	
5	le début du xix ^e siècle, n'a pu	governing a sequence of mathemat-	
	<small>of</small> <small>century</small> <small>could</small>	ical propositions. Nor can we dis-	
	être menée à bien que grâce à un	sociate the history of set theory	10R
	<small>to be conducted</small> <small>good</small> <small>than</small>	and the formalization of mathemat-	
	effort parallèle de systématisation,	ics from that of <i>mathematical logic</i> .	
	tout au moins dans celles de ses	But the traditional logic, as well	
	<small>all</small> <small>at</small> <small>less</small> <small>his</small>	that of modern philosophers, cover	
	parties qui régissent l'enchaînement	in principle a wider field than math-	15R
	<small>parts</small> <small>govern</small> <small>the sequence</small>	ematics. So the reader must not ex-	
10	des propositions mathématiques.	pect to find in what follows a history	
	Aussi ne peut-on dissocier l'histoire	of logic, even under the one very	
	<small>can</small> <small>we</small> <small>dissociate</small>	summary form.	
	de la Théorie des ensembles et de la		
	formalisation des mathématiques de		
	<small>and</small>		
	celle de la <i>Logique mathématiques</i> .		
15	Mais la logique traditionnelle,		
	<small>but</small>		
	comme celle des philosophes mod-		
	<small>as</small> <small>that</small>		
	ernes, couvre en principe un champ		
	<small>cover</small> <small>in</small> <small>principal</small> <small>field</small>		
	d'applications beaucoup plus vaste		
	<small>lot</small>		
	que la mathématiques. Le lecteurs		
	<small>readers</small>		
20	doit donc pas s'attendre à trouver		
	<small>must</small> <small>so</small> <small>not</small> <small>find</small>		
	dans ce qui suit une histoire de la		
	<small>in</small> <small>follow</small>		
	logique, même sous une formes très		
	<small>even</small> <small>under</small> <small>very</small>		
	sommarie.		
	<small>summary</small>		