Definition	9.65.	[ORG]	A top	olog	ical s	space	$e(X, \cdot)$	τ) is	"path	conr	iect	ed"
if, for every	<i>x</i> , <i>y</i> e	∈ <i>X</i> ,	there	is a	conti	nuou	is arc	γ:	[a, b]	$] \rightarrow $	Хw	vith
$x = \gamma(a), y$	$= \gamma(b$).										