ch 8, 2021 2					1	\ a a .	1				An)	·	_		- 1	- 1	· .		. /1					
							_												chods	1				
			2)]	Νυ	iner	1 Ca (-11	.teg	irati	100	wl	hen	u R	H5"	1 5	s K	ren	11					
							also	K	rows	, cuç	5 4	Ivai	·)rat	ure	u									
	Erro		2/4_1)		5	1+4.1	1,6	1 ,	91	1ant	Ly	hou	1 9L	iock	cly	er,	70/	(5	aro	vira-	-			
		J'	vu.	1		700	, 14 /		501	14.	t, C	x) =	A (Jen,	x)		U.		Ĵ	J				
		Qa	2 .	Eule	e-6	Me	thoc]:	,	C/X	+ (x)	=	fre	n +	٨χ.	. A	(Cx	χ)	+	A/AX	, z \			
																			,	0 (101	1			
							Sup	9,2056	1	(x)	7	+	(X)	· +	E	(x) 1	J							
												E	.xact		E	rror								
						fth f(x	1.1	+ 6	; C(X+	·^×	= f	'tru	· + ,	F.(X)	1+	$\sqrt{\chi}$	A/	the fixi	+ 61x) ×	1 +	0(4x2	.)	
						(10:	27/	-																
											f	true (x)	+ 6	<u>'</u> (x)	+ 1) X <i>}</i>	1/f1	me (x) /	*)	+ 1	CAX.	OF.	/ +	07
					=}	>	- 6	-(X+.	·7×)	Ξ.	El	<u>(</u>)	(1-	+ /	<u>ک</u> ۲	2#1	X							
									-						\sim				Н,	1	L_C	- 24	1	
													W,	art	. [) t	. 7×	HI	x ~	. ((CLLO)	Sta (5)	Shunk	Ling
	4/	4-5+a	1,1	u		M.)		1/	2.5		1.).	10								= A(V
		Ju	.b/v·	7	, V	100	<i>()</i> U 1	ls (enic	70	ber	eve	-)((r)		14 11	,-,		
)				
															こ〉	0:	- } -	- /						
		1-1)			W)he	, λ	>0,	/	((+	$\lambda \lambda \lambda$	×	>	-	=>	"U»	Stal	ole"						
	Specific Este Me	, ,																		on L	Λ×	(reed	.δ)× <	2/,
	EUM	errod																			۱۱ /	('		`^/
						λ	= # ;	,ω		1 =	iω	δx (= (V [+	WZ	>1	=-/	> (Instal	ile.				
'T							_	=	=										fry	rvx) =	?			_

Implicat	wethods" Backwards Euler	method:
	f'(x) = A/	
		0 = -f(x+A) + f(x) + Dx A(f(x+A), x+Ax) > want to solve for f(x+Ax)
	Stability of	find a zero of this the eg. using a rout finder.
	Backwards Euler again, to	$E(x+\Delta x) = \int_{-\infty}^{+\infty} f(x) + E(x) + E(x+\Delta x) + E(x+\Delta x) + E(x+\Delta x) + E(x+\Delta x)$
	T (XLAX) + E	$= \int_{-\infty}^{\infty} \frac{1}{(x + E(x) + \Delta x)} \frac{1}{(x $
	$E(x+\Delta x) = E$	$(x) + E(x + \Delta x) \cdot \Delta x \frac{\partial A}{\partial f} _{x + \Delta x}$
	E(Xtax) = E	
	again, consider Want (1-)	Unstable depending on AX
	01 1-1	ADX X < 0, Stable (AX) > X = \(\delta \), \(\delta \)
	Other Implicit methods	Can have even better stability. Python: Raday, BDF



