# **Supplemental Arrows-B**

Range: 2900-297F

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 7.0* 

This file may be changed at any time without notice to reflect errata or other updates to the Unicode Standard. See http://www.unicode.org/errata/ for an up-to-date list of errata.

See http://www.unicode.org/charts/ for access to a complete list of the latest character code charts.

See http://www.unicode.org/charts/PDF/Unicode-7.0/ for charts showing only the characters added in Unicode 7.0.

See http://www.unicode.org/Public/7.0.0/charts/ for a complete archived file of character code charts for Unicode 7.0.

### Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 7.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 7.0, online at http://www.unicode.org/versions/Unicode7.0.0/, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, and #45, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

See http://www.unicode.org/ucd/ and http://www.unicode.org/reports/

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

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See http://www.unicode.org/charts/fonts.html for a list.

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See http://www.unicode.org/pending/pending.html and http://www.unicode.org/alloc/Pipeline.html.

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	290	291	292	293	294	295	296	297
0	<del>- &gt;&gt;</del> 2900	>>> 2910	2920	2930	2940	2950	1 2960	2970
1	<del>11&gt;&gt;</del> 2901	2911	2921	2931	2941	2951	<b>T</b> 2961	=> 2971
2	2902	<b>T</b>	2922	2932	<b>←</b> 2942	2952	2962	<u>~</u> →
3	2903	<u>1</u>	2923	2933	<b>←</b> 2943	2953	11	<b>←</b> 2973
4	2904	2914	2924	<b>→</b> 2934	<b>→</b> 2944	2954	2964	<del>~</del> →
5	2905	> <del>  &gt;</del> 2915	2925	2935	<del>+</del> 2945	2955	2965	<b>≈</b>
6	2906	>	2926	2936	<del>+</del> 2946	2956	2966	¥ 2976
7	2907	> <del>1&gt;&gt;</del>	2927	2937	<del>&gt;&gt;&gt;</del> 2947	2957	2967	<b>←</b> 2977
8	<b>‡</b>	> <del>  &gt;&gt;</del> 2918	2928	<b>)</b> 2938	<b>←→</b> 2948	<u></u>	2968	<b>→</b> 2978
9	<b>1</b> 2909	2919	2929	<b>(</b> 2939	2949	2959	2969	<b>→</b> 2979
Α	1 1 290A	>— 291A	292A	293A	294A	295A		<b>←</b> 297A
В	₩ 290B	<b>─</b>	292B	<b>9</b> 38	294B	295B	296B	<b>→</b> 297B
С	<b>← −</b> 290C	<b>≫</b> — 291C	292C	293C	294C		296C	<b>{</b> —
D	<b>-→</b> 290D	<b>◆←</b> 291D	292D	293D	<b>1</b> 294D	7 295D	296D	<b></b> 3
Ε	<b>←</b> 290E	<b>→</b>	292E	293E	294E	295E	1L 296E	<b>1</b> 297E
F	>	<b>◆</b> ← 291F	292F	993F	294F	295F	296F	<b>J</b> 297F

Miscellaneous arrows			2917	<del>}}</del>	RIGHTWARDS TWO-HEADED ARROW WITH			
2900	<del>+&gt;&gt;</del>	RIGHTWARDS TWO-HEADED ARROW WITH			TAIL WITH VERTICAL STROKE			
		VERTICAL STROKE			= z notation surjective injection → 2B3C			
		= z notation partial surjection → 2B34 ← leftwards two-headed arrow with			with vertical stroke			
		vertical stroke	2918	<del>/#≫</del>	RIGHTWARDS TWO-HEADED ARROW WITH			
2901	<del>11&gt;&gt;</del>	RIGHTWARDS TWO-HEADED ARROW WITH			TAIL WITH DOUBLE VERTICAL STROKE			
		DOUBLE VERTICAL STROKE			= z notation finite surjective injection → 2B3D *** leftwards two-headed arrow with tail			
		= z notation finite surjection → 2B35			with double vertical stroke			
		double vertical stroke	Arrow tails					
2902	#	LEFTWARDS DOUBLE ARROW WITH VERTICAL	2919	$\prec$	LEFTWARDS ARROW-TAIL			
2903	<b>⇒</b>	STROKE RIGHTWARDS DOUBLE ARROW WITH VERTICAL	291A	$\succ$	RIGHTWARDS ARROW-TAIL			
2303	+-/	STROKE	291B		LEFTWARDS DOUBLE ARROW-TAIL			
2904	<b>#</b>	LEFT RIGHT DOUBLE ARROW WITH VERTICAL	291C	<b>»</b> —	RIGHTWARDS DOUBLE ARROW-TAIL			
0005		STROKE		Miscellaneous arrows				
2905	<b>→</b>	RIGHTWARDS TWO-HEADED ARROW FROM BAR	291D		LEFTWARDS ARROW TO BLACK DIAMOND			
		= maps to	291E 291F	<b>→•</b> •←	RIGHTWARDS ARROW TO BLACK DIAMOND LEFTWARDS ARROW FROM BAR TO BLACK			
		→ 2B36 ← leftwards two-headed arrow from	2311	•	DIAMOND			
2906	∉	bar LEFTWARDS DOUBLE ARROW FROM BAR	2920	<b>→•</b>	RIGHTWARDS ARROW FROM BAR TO BLACK			
2300	T	= maps from	2024	<b>K</b>	DIAMOND			
		→ 27FB ← long leftwards arrow from bar	2921 2922	\ \!\!	NORTH WEST AND SOUTH EAST ARROW NORTH EAST AND SOUTH WEST ARROW			
2907	$\Rightarrow$	RIGHTWARDS DOUBLE ARROW FROM BAR	2923	Κ.	NORTH WEST ARROW WITH HOOK			
		= maps to	2924	Ž	NORTH EAST ARROW WITH HOOK			
2908	ŧ	→ 27FC → long rightwards arrow from bar DOWNWARDS ARROW WITH HORIZONTAL	2925	5	SOUTH EAST ARROW WITH HOOK			
	*	STROKE	2926	2	SOUTH WEST ARROW WITH HOOK			
2909	‡			Crossing arrows for knot theory				
290A	⇑	UPWARDS TRIPLE ARROW	2927	X	NORTH WEST ARROW AND NORTH EAST			
		→ 21D1 ↑ upwards double arrow → 27F0 ↑ upwards quadruple arrow	2928	X	ARROW NORTH EAST ARROW AND SOUTH EAST			
290B	₩	DOWNWARDS TRIPLE ARROW	2020	<b>/</b> 3	ARROW			
		2102	0000					
		→ 21D3 <b>\</b> downwards double arrow	2929	$\times$	SOUTH EAST ARROW AND SOUTH WEST			
0000		→ 27F1 <b>W</b> downwards quadruple arrow			ARROW			
290C	<b>←</b> -	→ 27F1 W downwards quadruple arrow <b>LEFTWARDS DOUBLE DASH ARROW</b>	2929 292A					
290D	←- -→ ←	→ 27F1 W downwards quadruple arrow LEFTWARDS DOUBLE DASH ARROW RIGHTWARDS DOUBLE DASH ARROW			ARROW SOUTH WEST ARROW AND NORTH WEST ARROW RISING DIAGONAL CROSSING FALLING			
	<b>-→</b>	→ 27F1 W downwards quadruple arrow <b>LEFTWARDS DOUBLE DASH ARROW</b>	292A 292B	×	ARROW SOUTH WEST ARROW AND NORTH WEST ARROW RISING DIAGONAL CROSSING FALLING DIAGONAL			
290D 290E	-→ +	→ 27F1 W downwards quadruple arrow LEFTWARDS DOUBLE DASH ARROW RIGHTWARDS DOUBLE DASH ARROW LEFTWARDS TRIPLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TWO-HEADED TRIPLE DASH	292A	X	ARROW SOUTH WEST ARROW AND NORTH WEST ARROW RISING DIAGONAL CROSSING FALLING DIAGONAL FALLING DIAGONAL CROSSING RISING			
290D 290E 290F	-→ ← →	→ 27F1 W downwards quadruple arrow LEFTWARDS DOUBLE DASH ARROW RIGHTWARDS DOUBLE DASH ARROW LEFTWARDS TRIPLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TWO-HEADED TRIPLE DASH ARROW	292A 292B	×	ARROW SOUTH WEST ARROW AND NORTH WEST ARROW RISING DIAGONAL CROSSING FALLING DIAGONAL FALLING DIAGONAL CROSSING RISING DIAGONAL			
290D 290E 290F	-→ ← →	→ 27F1 W downwards quadruple arrow LEFTWARDS DOUBLE DASH ARROW RIGHTWARDS DOUBLE DASH ARROW LEFTWARDS TRIPLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TWO-HEADED TRIPLE DASH	292A 292B 292C	× × ×	ARROW SOUTH WEST ARROW AND NORTH WEST ARROW RISING DIAGONAL CROSSING FALLING DIAGONAL FALLING DIAGONAL CROSSING RISING DIAGONAL → 26CC ★ crossing lanes SOUTH EAST ARROW CROSSING NORTH EAST			
290D 290E 290F	-→ ← →	→ 27F1 W downwards quadruple arrow LEFTWARDS DOUBLE DASH ARROW RIGHTWARDS DOUBLE DASH ARROW LEFTWARDS TRIPLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TWO-HEADED TRIPLE DASH ARROW → 2B37 *-< leftwards two-headed triple dash	292A 292B 292C 292D	× × ×	ARROW SOUTH WEST ARROW AND NORTH WEST ARROW RISING DIAGONAL CROSSING FALLING DIAGONAL FALLING DIAGONAL CROSSING RISING DIAGONAL → 26CC ★ crossing lanes SOUTH EAST ARROW CROSSING NORTH EAST ARROW			
290D 290E 290F 2910	-→  »	→ 27F1 W downwards quadruple arrow LEFTWARDS DOUBLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TWO-HEADED TRIPLE DASH ARROW → 2B37 * leftwards two-headed triple dash arrow RIGHTWARDS ARROW WITH DOTTED STEM → 2B38 ← leftwards arrow with dotted stem	292A 292B 292C	× × ×	ARROW SOUTH WEST ARROW AND NORTH WEST ARROW RISING DIAGONAL CROSSING FALLING DIAGONAL FALLING DIAGONAL CROSSING RISING DIAGONAL → 26CC ★ crossing lanes SOUTH EAST ARROW CROSSING NORTH EAST ARROW NORTH EAST ARROW CROSSING SOUTH EAST			
290D 290E 290F 2910 2911 2912	-→  »	→ 27F1 W downwards quadruple arrow LEFTWARDS DOUBLE DASH ARROW RIGHTWARDS DOUBLE DASH ARROW LEFTWARDS TRIPLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TWO-HEADED TRIPLE DASH ARROW  → 2B37 * leftwards two-headed triple dash arrow  RIGHTWARDS ARROW WITH DOTTED STEM  → 2B38 ← leftwards arrow with dotted stem UPWARDS ARROW TO BAR	292A 292B 292C 292D	× × ×	ARROW SOUTH WEST ARROW AND NORTH WEST ARROW RISING DIAGONAL CROSSING FALLING DIAGONAL FALLING DIAGONAL CROSSING RISING DIAGONAL → 26CC ★ crossing lanes SOUTH EAST ARROW CROSSING NORTH EAST ARROW			
290D 290E 290F 2910 2911 2911 2912 2913	-→	→ 27F1 W downwards quadruple arrow LEFTWARDS DOUBLE DASH ARROW RIGHTWARDS DOUBLE DASH ARROW LEFTWARDS TRIPLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TWO-HEADED TRIPLE DASH ARROW  → 2B37 * leftwards two-headed triple dash arrow RIGHTWARDS ARROW WITH DOTTED STEM  → 2B38 ← leftwards arrow with dotted stem UPWARDS ARROW TO BAR DOWNWARDS ARROW TO BAR	292A 292B 292C 292D 292E 292F	× × × × ×	ARROW SOUTH WEST ARROW AND NORTH WEST ARROW RISING DIAGONAL CROSSING FALLING DIAGONAL FALLING DIAGONAL CROSSING RISING DIAGONAL → 26CC ★ crossing lanes SOUTH EAST ARROW CROSSING NORTH EAST ARROW NORTH EAST ARROW CROSSING SOUTH EAST ARROW FALLING DIAGONAL CROSSING NORTH EAST ARROW			
290D 290E 290F 2910 2911 2912	-→  »	→ 27F1 W downwards quadruple arrow LEFTWARDS DOUBLE DASH ARROW RIGHTWARDS DOUBLE DASH ARROW LEFTWARDS TRIPLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TWO-HEADED TRIPLE DASH ARROW  → 2B37 * leftwards two-headed triple dash arrow  RIGHTWARDS ARROW WITH DOTTED STEM  → 2B38 ← leftwards arrow with dotted stem UPWARDS ARROW TO BAR	292A 292B 292C 292D 292E	× × × × ×	ARROW SOUTH WEST ARROW AND NORTH WEST ARROW RISING DIAGONAL CROSSING FALLING DIAGONAL FALLING DIAGONAL CROSSING RISING DIAGONAL → 26CC ★ crossing lanes SOUTH EAST ARROW CROSSING NORTH EAST ARROW NORTH EAST ARROW CROSSING SOUTH EAST ARROW FALLING DIAGONAL CROSSING NORTH EAST ARROW RISING DIAGONAL CROSSING SOUTH EAST			
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290D 290E 290F 2910 2911 2911 2912 2913	-→	→ 27F1 W downwards quadruple arrow LEFTWARDS DOUBLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW LEFTWARDS TRIPLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TWO-HEADED TRIPLE DASH ARROW  → 2B37 ← leftwards two-headed triple dash arrow RIGHTWARDS ARROW WITH DOTTED STEM  → 2B38 ← leftwards arrow with dotted stem UPWARDS ARROW TO BAR DOWNWARDS ARROW TO BAR RIGHTWARDS ARROW TO BAR RIGHTWARDS ARROW WITH TAIL WITH VERTICAL STROKE  = z notation partial injection  → 2B39 ← leftwards arrow with tail with vertical	292A 292B 292C 292D 292E 292F 2930 2931	× × × × × × ×	ARROW SOUTH WEST ARROW AND NORTH WEST ARROW RISING DIAGONAL CROSSING FALLING DIAGONAL FALLING DIAGONAL CROSSING RISING DIAGONAL → 26CC ★ crossing lanes SOUTH EAST ARROW CROSSING NORTH EAST ARROW NORTH EAST ARROW CROSSING SOUTH EAST ARROW FALLING DIAGONAL CROSSING NORTH EAST ARROW RISING DIAGONAL CROSSING SOUTH EAST ARROW NORTH EAST ARROW CROSSING SOUTH EAST ARROW NORTH EAST ARROW CROSSING NORTH WEST ARROW			
290D 290E 290F 2910 2911 2912 2913 2914	-→	→ 27F1 W downwards quadruple arrow LEFTWARDS DOUBLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW LEFTWARDS TRIPLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TWO-HEADED TRIPLE DASH ARROW  → 2B37 ← leftwards two-headed triple dash arrow RIGHTWARDS ARROW WITH DOTTED STEM → 2B38 ← leftwards arrow with dotted stem UPWARDS ARROW TO BAR DOWNWARDS ARROW TO BAR RIGHTWARDS ARROW WITH TAIL WITH VERTICAL STROKE = z notation partial injection	292A 292B 292C 292D 292E 292F 2930	× × × × × × ×	ARROW SOUTH WEST ARROW AND NORTH WEST ARROW RISING DIAGONAL CROSSING FALLING DIAGONAL FALLING DIAGONAL CROSSING RISING DIAGONAL → 26CC ★ crossing lanes SOUTH EAST ARROW CROSSING NORTH EAST ARROW NORTH EAST ARROW CROSSING SOUTH EAST ARROW FALLING DIAGONAL CROSSING NORTH EAST ARROW RISING DIAGONAL CROSSING SOUTH EAST ARROW NORTH EAST ARROW CROSSING SOUTH EAST ARROW NORTH EAST ARROW CROSSING NORTH WEST ARROW NORTH WEST ARROW CROSSING NORTH EAST			
290D 290E 290F 2910 2911 2911 2912 2913	-→ > >  ↑	→ 27F1 W downwards quadruple arrow LEFTWARDS DOUBLE DASH ARROW RIGHTWARDS DOUBLE DASH ARROW LEFTWARDS TRIPLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TWO-HEADED TRIPLE DASH ARROW  → 2B37 ← leftwards two-headed triple dash arrow RIGHTWARDS ARROW WITH DOTTED STEM  → 2B38 ← leftwards arrow with dotted stem UPWARDS ARROW TO BAR DOWNWARDS ARROW TO BAR RIGHTWARDS ARROW WITH TAIL WITH VERTICAL STROKE  = z notation partial injection  → 2B39 ← leftwards arrow with tail with vertical stroke RIGHTWARDS ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE	292A 292B 292C 292D 292E 292F 2930 2931 2932	× × × × × ×	ARROW SOUTH WEST ARROW AND NORTH WEST ARROW RISING DIAGONAL CROSSING FALLING DIAGONAL FALLING DIAGONAL CROSSING RISING DIAGONAL → 26CC ★ crossing lanes SOUTH EAST ARROW CROSSING NORTH EAST ARROW NORTH EAST ARROW CROSSING SOUTH EAST ARROW FALLING DIAGONAL CROSSING NORTH EAST ARROW RISING DIAGONAL CROSSING SOUTH EAST ARROW NORTH EAST ARROW CROSSING SOUTH EAST ARROW NORTH EAST ARROW CROSSING NORTH WEST ARROW NORTH WEST ARROW CROSSING NORTH WEST ARROW			
290D 290E 290F 2910 2911 2912 2913 2914	-→ > >  ↑	→ 27F1 W downwards quadruple arrow LEFTWARDS DOUBLE DASH ARROW RIGHTWARDS DOUBLE DASH ARROW LEFTWARDS TRIPLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TWO-HEADED TRIPLE DASH ARROW  → 2B37 ← leftwards two-headed triple dash arrow RIGHTWARDS ARROW WITH DOTTED STEM  → 2B38 ← leftwards arrow with dotted stem UPWARDS ARROW TO BAR DOWNWARDS ARROW TO BAR RIGHTWARDS ARROW WITH TAIL WITH VERTICAL STROKE  = z notation partial injection  → 2B39 ← leftwards arrow with tail with vertical stroke RIGHTWARDS ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE  = z notation finite injection	292A 292B 292C 292D 292E 292F 2930 2931 2932 <b>Misce</b>	× × × × × × × × × × × × × × × × × × ×	ARROW SOUTH WEST ARROW AND NORTH WEST ARROW RISING DIAGONAL CROSSING FALLING DIAGONAL FALLING DIAGONAL CROSSING RISING DIAGONAL → 26CC ★ crossing lanes SOUTH EAST ARROW CROSSING NORTH EAST ARROW NORTH EAST ARROW CROSSING SOUTH EAST ARROW FALLING DIAGONAL CROSSING NORTH EAST ARROW RISING DIAGONAL CROSSING SOUTH EAST ARROW NORTH EAST ARROW CROSSING NORTH WEST ARROW NORTH EAST ARROW CROSSING NORTH WEST ARROW NORTH WEST ARROW CROSSING NORTH EAST ARROW NORTH WEST ARROW CROSSING NORTH EAST ARROW			
290D 290E 290F 2910 2911 2912 2913 2914	-→ > >  ↑	→ 27F1 W downwards quadruple arrow LEFTWARDS DOUBLE DASH ARROW RIGHTWARDS DOUBLE DASH ARROW LEFTWARDS TRIPLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TWO-HEADED TRIPLE DASH ARROW  → 2B37 ← leftwards two-headed triple dash arrow RIGHTWARDS ARROW WITH DOTTED STEM  → 2B38 ← leftwards arrow with dotted stem UPWARDS ARROW TO BAR DOWNWARDS ARROW TO BAR RIGHTWARDS ARROW WITH TAIL WITH VERTICAL STROKE  = z notation partial injection  → 2B39 ← leftwards arrow with tail with vertical stroke RIGHTWARDS ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE	292A 292B 292C 292D 292E 292F 2930 2931 2932	× × × × × × × × × × × × × × × × × × ×	ARROW SOUTH WEST ARROW AND NORTH WEST ARROW RISING DIAGONAL CROSSING FALLING DIAGONAL FALLING DIAGONAL CROSSING RISING DIAGONAL → 26CC ★ crossing lanes SOUTH EAST ARROW CROSSING NORTH EAST ARROW NORTH EAST ARROW CROSSING SOUTH EAST ARROW FALLING DIAGONAL CROSSING NORTH EAST ARROW RISING DIAGONAL CROSSING SOUTH EAST ARROW NORTH EAST ARROW CROSSING NORTH WEST ARROW NORTH EAST ARROW CROSSING NORTH WEST ARROW NORTH WEST ARROW CROSSING NORTH EAST ARROW NORTH WEST ARROW CROSSING NORTH EAST ARROW EOUS CURVED ARROW WAVE ARROW POINTING DIRECTLY RIGHT			
290D 290E 290F 2910 2911 2912 2913 2914	-→ > >  ↑	→ 27F1 ৠ downwards quadruple arrow LEFTWARDS DOUBLE DASH ARROW RIGHTWARDS DOUBLE DASH ARROW LEFTWARDS TRIPLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TWO-HEADED TRIPLE DASH ARROW  → 2B37 ← leftwards two-headed triple dash arrow RIGHTWARDS ARROW WITH DOTTED STEM  → 2B38 ← leftwards arrow with dotted stem UPWARDS ARROW TO BAR DOWNWARDS ARROW TO BAR RIGHTWARDS ARROW WITH TAIL WITH VERTICAL STROKE  = z notation partial injection  → 2B39 ← leftwards arrow with tail with vertical stroke RIGHTWARDS ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE  = z notation finite injection  → 2B3A ← leftwards arrow with tail with double vertical stroke RIGHTWARDS TWO-HEADED ARROW WITH	292A 292B 292C 292D 292E 292F 2930 2931 2932 <b>Misce</b>	× × × × × × × × × × × × × × × × × × ×	ARROW SOUTH WEST ARROW AND NORTH WEST ARROW RISING DIAGONAL CROSSING FALLING DIAGONAL FALLING DIAGONAL CROSSING RISING DIAGONAL → 26CC ★ crossing lanes SOUTH EAST ARROW CROSSING NORTH EAST ARROW NORTH EAST ARROW CROSSING SOUTH EAST ARROW FALLING DIAGONAL CROSSING NORTH EAST ARROW RISING DIAGONAL CROSSING SOUTH EAST ARROW NORTH EAST ARROW CROSSING NORTH WEST ARROW NORTH EAST ARROW CROSSING NORTH WEST ARROW NORTH WEST ARROW CROSSING NORTH WEST ARROW NORTH WEST ARROW CROSSING NORTH EAST ARROW WORTH WEST ARROW CROSSING NORTH EAST ARROW  WAVE ARROW POINTING DIRECTLY RIGHT → 219D → rightwards wave arrow			
290D 290E 290F 2910 2911 2912 2913 2914		→ 27F1 W downwards quadruple arrow LEFTWARDS DOUBLE DASH ARROW RIGHTWARDS TOUBLE DASH ARROW LEFTWARDS TRIPLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TWO-HEADED TRIPLE DASH ARROW  → 2B37 ← leftwards two-headed triple dash arrow RIGHTWARDS ARROW WITH DOTTED STEM  → 2B38 ← leftwards arrow with dotted stem UPWARDS ARROW TO BAR DOWNWARDS ARROW TO BAR RIGHTWARDS ARROW WITH TAIL WITH VERTICAL STROKE  = z notation partial injection  → 2B39 ← leftwards arrow with tail with vertical stroke RIGHTWARDS ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE  = z notation finite injection  → 2B3A ← leftwards arrow with tail with double vertical stroke RIGHTWARDS TWO-HEADED ARROW WITH TAIL	292A 292B 292C 292D 292E 292F 2930 2931 2932 <b>Misce</b>	× × × × × × × × × × × × × × × × × × ×	ARROW SOUTH WEST ARROW AND NORTH WEST ARROW RISING DIAGONAL CROSSING FALLING DIAGONAL FALLING DIAGONAL CROSSING RISING DIAGONAL → 26CC ★ crossing lanes SOUTH EAST ARROW CROSSING NORTH EAST ARROW NORTH EAST ARROW CROSSING SOUTH EAST ARROW FALLING DIAGONAL CROSSING NORTH EAST ARROW RISING DIAGONAL CROSSING SOUTH EAST ARROW NORTH EAST ARROW CROSSING NORTH WEST ARROW NORTH EAST ARROW CROSSING NORTH WEST ARROW NORTH WEST ARROW CROSSING NORTH EAST ARROW NORTH WEST ARROW CROSSING NORTH EAST ARROW WORTH WEST ARROW CROSSING NORTH EAST ARROW POUNTING DIRECTLY RIGHT → 219D ~ rightwards wave arrow → 283F ← wave arrow pointing directly left ARROW POINTING RIGHTWARDS THEN			
290D 290E 290F 2910 2911 2912 2913 2914		→ 27F1 W downwards quadruple arrow LEFTWARDS DOUBLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TWO-HEADED TRIPLE DASH ARROW  → 2B37 * leftwards two-headed triple dash arrow RIGHTWARDS ARROW WITH DOTTED STEM  → 2B38 ← leftwards arrow with dotted stem UPWARDS ARROW TO BAR DOWNWARDS ARROW TO BAR RIGHTWARDS ARROW WITH TAIL WITH VERTICAL STROKE  = z notation partial injection  → 2B39 ← leftwards arrow with tail with vertical stroke RIGHTWARDS ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE  = z notation finite injection  → 2B3A ← leftwards arrow with tail with double vertical stroke RIGHTWARDS TWO-HEADED ARROW WITH TAIL  = bijective mapping	292A 292B 292C 292D 292E 292F 2930 2931 2932 <b>Misce</b> 2933	× × × × × × × × × × × × × × × × × × ×	ARROW SOUTH WEST ARROW AND NORTH WEST ARROW RISING DIAGONAL CROSSING FALLING DIAGONAL FALLING DIAGONAL CROSSING RISING DIAGONAL → 26CC ★ crossing lanes SOUTH EAST ARROW CROSSING NORTH EAST ARROW NORTH EAST ARROW CROSSING SOUTH EAST ARROW FALLING DIAGONAL CROSSING NORTH EAST ARROW RISING DIAGONAL CROSSING SOUTH EAST ARROW NORTH EAST ARROW CROSSING NORTH WEST ARROW NORTH EAST ARROW CROSSING NORTH WEST ARROW NORTH WEST ARROW CROSSING NORTH EAST ARROW NORTH WEST ARROW CROSSING NORTH EAST ARROW EOUS CURVED ARROW POINTING DIRECTLY RIGHT → 219D ~ rightwards wave arrow → 283F ← wave arrow pointing directly left ARROW POINTING RIGHTWARDS THEN CURVING UPWARDS			
290D 290E 290F 2910 2911 2912 2913 2914		→ 27F1 W downwards quadruple arrow LEFTWARDS DOUBLE DASH ARROW RIGHTWARDS TOUBLE DASH ARROW LEFTWARDS TRIPLE DASH ARROW RIGHTWARDS TRIPLE DASH ARROW RIGHTWARDS TWO-HEADED TRIPLE DASH ARROW  → 2B37 ← leftwards two-headed triple dash arrow RIGHTWARDS ARROW WITH DOTTED STEM  → 2B38 ← leftwards arrow with dotted stem UPWARDS ARROW TO BAR DOWNWARDS ARROW TO BAR RIGHTWARDS ARROW WITH TAIL WITH VERTICAL STROKE  = z notation partial injection  → 2B39 ← leftwards arrow with tail with vertical stroke RIGHTWARDS ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE  = z notation finite injection  → 2B3A ← leftwards arrow with tail with double vertical stroke RIGHTWARDS TWO-HEADED ARROW WITH TAIL	292A 292B 292C 292D 292E 292F 2930 2931 2932 <b>Misce</b> 2933	× × × × × × × × × × × × × × × × × × ×	ARROW SOUTH WEST ARROW AND NORTH WEST ARROW RISING DIAGONAL CROSSING FALLING DIAGONAL FALLING DIAGONAL CROSSING RISING DIAGONAL → 26CC ★ crossing lanes SOUTH EAST ARROW CROSSING NORTH EAST ARROW NORTH EAST ARROW CROSSING SOUTH EAST ARROW FALLING DIAGONAL CROSSING NORTH EAST ARROW RISING DIAGONAL CROSSING SOUTH EAST ARROW NORTH EAST ARROW CROSSING NORTH WEST ARROW NORTH EAST ARROW CROSSING NORTH WEST ARROW NORTH WEST ARROW CROSSING NORTH EAST ARROW NORTH WEST ARROW CROSSING NORTH EAST ARROW WORTH WEST ARROW CROSSING NORTH EAST ARROW POUNTING DIRECTLY RIGHT → 219D ~ rightwards wave arrow → 283F ← wave arrow pointing directly left ARROW POINTING RIGHTWARDS THEN			

2935	7	ARROW POINTING RIGHTWARDS THEN CURVING DOWNWARDS	295B	$\vdash$	RIGHTWARDS HARPOON WITH BARB UP FROM BAR	
		~ 2935 FE0E text style ~ 2935 FE0F emoji style	295C	1	UPWARDS HARPOON WITH BARB RIGHT FROM BAR	
2936	Ų	ARROW POINTING DOWNWARDS THEN CURVING LEFTWARDS	295D	Ţ	DOWNWARDS HARPOON WITH BARB RIGHT FROM BAR	
2937	<i>\</i>	ARROW POINTING DOWNWARDS THEN CURVING RIGHTWARDS	295E	$\vdash$	LEFTWARDS HARPOON WITH BARB DOWN FROM BAR	
2938 2939	) (	RIGHT-SIDE ARC CLOCKWISE ARROW LEFT-SIDE ARC ANTICLOCKWISE ARROW	295F	$\vdash$	RIGHTWARDS HARPOON WITH BARB DOWN FROM BAR	
293A	ŕ	TOP ARC ANTICLOCKWISE ARROW	2960	1	UPWARDS HARPOON WITH BARB LEFT FROM BAR	
293B 293C	Q Q	BOTTOM ARC ANTICLOCKWISE ARROW TOP ARC CLOCKWISE ARROW WITH MINUS	2961	1	DOWNWARDS HARPOON WITH BARB LEFT FROM BAR	
293D	4	TOP ARC ANTICLOCKWISE ARROW WITH PLUS		Paired harpoons		
293E	Ŋ	LOWER RIGHT SEMICIRCULAR CLOCKWISE ARROW	2962		LEFTWARDS HARPOON WITH BARB UP ABOVE	
293F	G	LOWER LEFT SEMICIRCULAR ANTICLOCKWISE ARROW	2963	11	LEFTWARDS HARPOON WITH BARB DOWN UPWARDS HARPOON WITH BARB LEFT BESIDE	
2940	Ó	ANTICLOCKWISE CLOSED CIRCLE ARROW	2964	"	UPWARDS HARPOON WITH BARB RIGHT RIGHTWARDS HARPOON WITH BARB UP	
2941	Ò	→ 20DA © combining anticlockwise ring overlay  CLOCKWISE CLOSED CIRCLE ARROW  20DA © combining slockwise ring overlay	2904	$\Rightarrow$	ABOVE RIGHTWARDS HARPOON WITH BARB DOWN	
		→ 20D9 © combining clockwise ring overlay	2965	JL	DOWNWARDS HARPOON WITH BARB LEFT	
	s co	mbined with operators		"	BESIDE DOWNWARDS HARPOON WITH BARB	
2942	$\stackrel{\leftarrow}{\longleftrightarrow}$	RIGHTWARDS ARROW ABOVE SHORT			RIGHT	
00.10		LEFTWARDS ARROW	2966	$\stackrel{\longleftarrow}{}$	LEFTWARDS HARPOON WITH BARB UP ABOVE	
2943	$\leftarrow$	LEFTWARDS ARROW ABOVE SHORT	0007		RIGHTWARDS HARPOON WITH BARB UP	
2044		RIGHTWARDS ARROW	2967		LEFTWARDS HARPOON WITH BARB DOWN	
2944	$\stackrel{\rightarrow}{\leftarrow}$	SHORT RIGHTWARDS ARROW ABOVE LEFTWARDS ARROW			ABOVE RIGHTWARDS HARPOON WITH BARB DOWN	
2945	$\rightarrow$	RIGHTWARDS ARROW WITH PLUS BELOW	2968	<del>=</del>	RIGHTWARDS HARPOON WITH BARB UP	
2946	+→	LEFTWARDS ARROW WITH PLUS BELOW	2500	_	ABOVE LEFTWARDS HARPOON WITH BARB UP	
2947	<del>×</del> →	RIGHTWARDS ARROW THROUGH X	2969	=	RIGHTWARDS HARPOON WITH BARB DOWN	
2571	**	$\rightarrow$ 2B3E $\leftrightarrow$ leftwards arrow through x		,	ABOVE LEFTWARDS HARPOON WITH BARB	
2948	↔	LEFT RIGHT ARROW THROUGH SMALL CIRCLE			DOWN	
2949	₹	UPWARDS TWO-HEADED ARROW FROM	296A	=	LEFTWARDS HARPOON WITH BARB UP ABOVE	
_0.0	0	SMALL CIRCLE	296B		LONG DASH	
Doub	le-ba	arbed harpoons	2900	_	LEFTWARDS HARPOON WITH BARB DOWN BELOW LONG DASH	
294A		LEFT BARB UP RIGHT BARB DOWN HARPOON	296C	=	RIGHTWARDS HARPOON WITH BARB UP	
294B	÷	LEFT BARB DOWN RIGHT BARB UP HARPOON	2000		ABOVE LONG DASH	
294C	1	UP BARB RIGHT DOWN BARB LEFT HARPOON	296D	=	RIGHTWARDS HARPOON WITH BARB DOWN	
294D	1	UP BARB LEFT DOWN BARB RIGHT HARPOON			BELOW LONG DASH	
294E	,	LEFT BARB UP RIGHT BARB UP HARPOON	296E	11	UPWARDS HARPOON WITH BARB LEFT BESIDE	
294F	t	UP BARB RIGHT DOWN BARB RIGHT HARPOON			DOWNWARDS HARPOON WITH BARB RIGHT	
2950	$\stackrel{'}{\hookleftarrow}$	LEFT BARB DOWN RIGHT BARB DOWN	296F	11	DOWNWARDS HARPOON WITH BARB LEFT BESIDE UPWARDS HARPOON WITH BARB	
		HARPOON			RIGHT	
2951	1	UP BARB LEFT DOWN BARB LEFT HARPOON	Micco	llan	eous arrow	
Modif	fied	harpoons				
2952	<del> </del>	LEFTWARDS HARPOON WITH BARB UP TO BAR	2970	$\Rightarrow$	RIGHT DOUBLE ARROW WITH ROUNDED HEAD	
2953	<del></del> 1	RIGHTWARDS HARPOON WITH BARB UP TO			→ 2283 ⊃ superset of	
		BAR	Arrov	vs co	mbined with relations	
2954	7	UPWARDS HARPOON WITH BARB RIGHT TO	2971	$\Longrightarrow$	240,1200,017,10012,1101,117,11,1007,1111,1011	
2055		BAR	0070		→ 2B40 ← equals sign above leftwards arrow	
2955	Ţ	DOWNWARDS HARPOON WITH BARB RIGHT TO BAR	2972	$\stackrel{\sim}{\longrightarrow}$	TILDE OPERATOR ABOVE RIGHTWARDS ARROW	
2956	⇤	LEFTWARDS HARPOON WITH BARB DOWN TO BAR			→ 2B41 ← reverse tilde operator above leftwards arrow	
2957	<b>→</b> I	RIGHTWARDS HARPOON WITH BARB DOWN TO BAR	2973	<del>←</del>	LEFTWARDS ARROW ABOVE TILDE OPERATOR	
2958	7	UPWARDS HARPOON WITH BARB LEFT TO BAR			→ 2B4C ⇒ rightwards arrow above reverse tilde operator	
2959	1	DOWNWARDS HARPOON WITH BARB LEFT TO	2974	_ <	RIGHTWARDS ARROW ABOVE TILDE	
2909	7	BAR	2314	≈	OPERATOR	
295A	4	LEFTWARDS HARPOON WITH BARB UP FROM BAR			→ 2B4B ← leftwards arrow above reverse tilde operator	

- 2975 ⇒ RIGHTWARDS ARROW ABOVE ALMOST EQUAL TO
  - → 2B42 ← leftwards arrow above reverse almost equal to
- 2976 

  ≤ LESS-THAN ABOVE LEFTWARDS ARROW
- 2977 ← LEFTWARDS ARROW THROUGH LESS-THAN
  - ightarrow 2B43 ightarrow rightwards arrow through greaterthan
- 2978 ≥ GREATER-THAN ABOVE RIGHTWARDS ARROW
- 297A ← LEFTWARDS ARROW THROUGH SUBSET

  → 2844 ⇒ rightwards arrow through superset
- 297B ⊋ SUPERSET ABOVE LEFTWARDS ARROW

## Fish tails

297C ← LEFT FISH TAIL
297D → RIGHT FISH TAIL
297E ↑ UP FISH TAIL
297F ↓ DOWN FISH TAIL