#### Algebra and Join Minimization

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What are all the books by the person who wrote "Twilight"?



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SELECT b1.title FROM Book b1, Book b2, Book b3 WHERE b1.author = b2.author AND b3.author = b2.author AND b3.title = "Twilight";

What are all the books by the person who wrote "twilight"?

SELECT b1.title FROM Book b1, Book b2, Book b3 WHERE b1.author = b2.author AND b3.author = b2.author AND b3.title = "Twilight";

	title	author
b1	d	a
b2	-	a
b3	"Twilight"	a



What are all the books by the person who wrote "twilight"?

		title	author
b	1	d	a
b b b	2	-	a
b	3	"Twilight"	' a
		title	author
		d	a
	,,	Twilight"	a

What are all the books by the person who wrote "twilight"?

title	author
d	a
"twilight"	a

SELECT b1.title

FROM Book b1, Book b2

WHERE b1.author = b2.author AND

b2.title = "Twilight";

#### Reference

"Database Systems Concepts" by Silberschatz, Korth and Sudarshan, 6th edition, McGraw-Hill.