DE GEUS AART Form 4 December 11, 2018

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB 3235-0287

Number:

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * DE GEUS AART			2. Issuer Name and Ticker or Trading Symbol SYNOPSYS INC [SNPS]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(energian approacts)		
690 EAST MII	DDLEFIELI	O ROAD	(Month/Day/Year) 12/07/2018	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) Chairman of the Board & Co-CEO		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
MOUNTAIN VIEW, CA 94043			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned									
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or Code V Amount (D) Price			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
Common Stock	12/08/2018		M	7,365	A	\$ 0	23,757	D			
Common Stock	12/08/2018		F	2,547 (1)	D	\$ 87.82	21,210	D			
Common Stock	12/08/2018		M	9,673	A	\$ 0	30,883	D			
Common Stock	12/08/2018		F	4,193 (1)	D	\$ 87.82	26,690	D			
Common Stock	12/08/2018		M	7,661	A	\$ 0	34,351	D			

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Common Stock	12/08/2018	F	3,799 (1)	D	\$ 87.82	30,552	D	
Common Stock	12/07/2018	S(2)	3,801	D	\$ 89.5535 (3)	204,484	I	by Family Trust
Common Stock	12/10/2018	S(2)	16,199	D	\$ 89.284 (4)	188,285	I	by Family Trust
Common Stock	12/07/2018	S(2)	6,000	D	\$ 89.5255 (3)	295,551	I	by Separate Prop Tr
Common Stock	12/10/2018	S(2)	24,000	D	\$ 89.29 (5)	271,551	I	by Separate Prop Tr
Common Stock						14,500	I	by Partnership

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units	\$ 0	12/08/2018		D	7,365	12/08/2018	12/08/2018	Common Stock	7,365
Restricted Stock Units	\$ 0	12/08/2018		D	9,673	12/08/2018	12/08/2019	Common Stock	9,673
Restricted Stock Units	\$ 0	12/08/2018		D	7,661	12/08/2018	12/08/2020	Common Stock	7,661

(9-02)

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Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

DE GEUS AART
690 EAST MIDDLEFIELD ROAD X Chairman of the Board & Co-CEO MOUNTAIN VIEW, CA 94043

Signatures

By: POA pursuant Christina Escalanate-Dutra For: Aart de Geus 12/11/2018

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- These shares were retained by the Company in order to meet the tax withholding obligations of the award holder in connection with the vesting of an installment of the performance restricted stock unit award. The Compensation Committee approved the disposition of shares by the award holder and the amount retained by the Company was not in excess of the amount of the tax liability.
- (2) The transactions reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.
 - Represents a weighted average sale price per share. These shares were sold in multiple transactions at prices ranging from \$89.00 to 90.37. The Reporting Person has provided to the Issuer, and undertakes to provide to the staff of the Securities and Exchange
- Commission or any security holder of the Issuer, upon request, full information regarding the number of shares purchased at each separate price within the range.
- Represents a weighted average sale price per share. These shares were sold in multiple transactions at prices ranging from \$89.00 to

 89.70. The Reporting Person has provided to the Issuer, and undertakes to provide to the staff of the Securities and Exchange

 Commission or any security holder of the Issuer, upon request, full information regarding the number of shares purchased at each separate price within the range.
- Represents a weighted average sale price per share. These shares were sold in multiple transactions at prices ranging from \$89.00 to 89.71. The Reporting Person has provided to the Issuer, and undertakes to provide to the staff of the Securities and Exchange Commission or any security holder of the Issuer, upon request, full information regarding the number of shares purchased at each separate price within the range.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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