SYNOPSYS INC

Form 4

December 12, 2016

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

OMB APPROVAL

3235-0287

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations 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

5. Relationship of Reporting Person(s) to Issuer

Symbol

SYNOPSYS INC [SNPS]

(Check all applicable)

(Last)

(First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year)

X Director

10% Owner

690 EAST MIDDLEFIELD ROAD

(Street)

(Ctata)

12/08/2016

Other (specify _X__ Officer (give title

below)

Chairman of the Board & Co-CEO

4. If Amendment, Date Original Filed(Month/Day/Year)

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

Person

MOUNTAIN VIEW, CA 94043

(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. Transactio Code (Instr. 8)				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)		
C			Code V	Amount	(D)	Price	(Ilisti. 5 and 4)				
Common Stock	12/08/2016		M	13,325	A	\$ 0	14,575	D			
Common Stock	12/08/2016		M	8,725	A	\$ 0	23,300	D			
Common Stock	12/08/2016		M	7,365	A	\$ 0	30,665	D			
Common Stock	12/08/2016		F	6,953 (1)	D	\$ 59.31	23,712	D			
Common Stock	12/08/2016		F	4,553 (1)	D	\$ 59.31	19,159	D			

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Common Stock	12/08/2016	F	3,844 (1)	D	\$ 59.31	15,315	D		
Common Stock						218,152	I	by Family Trust	
Common Stock						18,500	I	by Partnership	
Common Stock						358,551	I	by Separate Prop Tr	
Perminder: Penort on a separate line for each class of securities beneficially owned directly or indirectly									

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

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SEC 1474

(9-02)

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)	Securit Acquir	tive ties red (A) posed of	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	12/08/2016		D	1	13,325	12/08/2016	12/08/2016	Common Stock	13,325
Restricted Stock Units	\$ 0	12/08/2016		D	;	8,725	12/08/2016	12/08/2017	Common Stock	8,725
Restricted Stock Units	\$ 0	12/08/2016		D	,	7,365	12/08/2016	12/08/2018	Common Stock	7,365

Reporting Owners

Reporting Owner Name / Address	Relationships						
200 por em g = 1 mm / 1 mm 200	Director	10% Owner	Officer	Other			
DE GEUS AART 690 EAST MIDDLEFIELD ROAD MOUNTAIN VIEW, CA 94043	X		Chairman of the Board & Co-CEO				

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Signatures

By: POA pursuant Christina Escalante-Dutra For: Aart de Geus 12/12/2016

**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 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.

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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