

**Sehie Park**  
**Publication List**

**1961**

- a. *The union of two solid horned spheres*, M.S. Thesis, Seoul Nat. Univ., 1961, 14pp.

**1968**

- a. *Mappings generating upper semicontinuous decompositions*, J. Korean Math. Soc. **5** (1968), 7–10.

**1969**

- a. *Mappings generating upper semicontinuous decompositions, II*, Seoul Univ. Jour.(C) **20** (1969), 101–103.

**1970**

- a. *On weak extensions of a topology*, J. Korean Math. Soc. **7** (1970), 39–42. MR 48#1133. Zbl 229.54003.

**1975**

- a. *A generalization of the Tychonoff product theorem*, Bull. Korean Math. Soc. **12** (1975), 1–3.  
b. *Fixed point theory of multi-valued symmetric product functions*, Ph.D. Dissertation, Indiana University, 1975, 48pp.

**1976**

- a. *Degrees of symmetric product maps of spheres and their applications*, Proc. Coll. Natur. Sci., SNU **1** (1976), 1–20.

**1977**

- a. *Fixed points of contractive maps of compact metric spaces*, Bull. Korean Math. Soc. **14** (1977), 33–37.  
b. *Sequences of quasi-contractions and fixed points*, J. Korean Math. Soc. **14** (1977), 99–103. Notices Amer. Math. Soc. Abstract 77T-G88. MR 57#1466. Zbl 384.47003.  
c. (with K. Park) *Generalized  $f$ -contractions and fixed point theorems*, J. Korean Math. Soc. **14** (1977), 127–133. MR 56#13197. Zbl 384.47034.

- d. (with S.K. Kim and H. Lee) *Remarks on maps of contractive type*, Proc. Coll. Natur. Sci., SNU **2** (1977), 1–9.
- e. *A generalization of a theorem of Janos and Edelstein*, Proc. Amer. Math. Soc. **66** (1977), 344–346. Notices Amer. Math. Soc. Abstract 77T-G74. MR 56#13150. Zbl 366.54016.

### 1978

- a. (with S. Yie) *Fixed points of commuting selfmaps of Hausdorff uniform spaces*, Proc. Coll. Natur. Sci., SNU **3** (1978), 1–5.
- b. (with S. Kasahara) *Fixed point theorems for mappings with a quasi-contractive iterate at a point*, Math. Sem. Notes, Kobe Univ. **6** (1978), 395–401. MR 80a:54084. Zbl 391.54030.
- c. *Fixed points of  $f$ -contractive maps*, Rocky Mountain J. Math. **8** (1978), 743–750. MR 80d:54059. Zbl 398.54030.
- d. (with J.A. Park) *On fixed and periodic points of generalized contraction pairs*, Proc. Coll. Natur. Sci., SNU **3** (1978), 137–143.

### 1979

- a. *On  $f$ -nonexpansive maps*, J. Korean Math. Soc. **16** (1979), 29–38. MR 80m:54060. Zbl 438.54038.
- b. *An extension of a fixed point theorem of Kasahara*, Math. Sem. Notes, Kobe Univ. **7** (1979), 85–89. MR 81g:54065. Zbl 425.54024.

### 1980

- a. *A unified approach to fixed points of contractive maps*, J. Korean Math. Soc. **16** (1980), 95–105. MR 81g:54066. Zbl 431.54028.
- b. *On general contractive-type conditions*, J. Korean Math. Soc. **17** (1980), 131–140. MR 82e:54055. Zbl 448.54048.
- c. *On mappings with diminishing orbital diameters*, Proc. Coll. Natur. Sci., SNU **5** (1980), 1–7.
- d. *Fixed points and periodic points of contractive pairs of maps*, Proc. Coll. Natur. Sci., SNU **5** (1980), 9–22. MR 83g:54061.
- e. (with B.E. Rhoades) *Some general fixed point theorems*, Acta Sci. Math. **42** (1980), 299–304. Notices Amer. Math. Soc. Abstract 79T-B95. MR 82a:54089. Zbl

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### 1981

- a. (with B.E. Rhoades) *Meir-Keeler type contractive conditions*, Math. Japon. **26** (1981), 13–20. MR 82e:54056. Zbl 454.54030.
- b. *A general principle of fixed point iterations on compact intervals*, J. Korean Math. Soc. **17** (1981), 229–234. MR 82d:54054. Zbl 462.47040.
- c. (with B.E. Rhoades) *Extensions of some fixed point theorems of Hegedüs and Kasahara*, Math. Sem. Notes, Kobe Univ. **9** (1981), 113–117. Notices Amer. Math. Soc. Abstract 79T-B113. MR 82m:54057. Zbl 479.54023. *Corrigendum*: The same journal **11** (1983), 165. MR 85j:54074.
- d. *On densifying maps of metric spaces*, Honam Math. J. **3** (1981), 23–30.
- e. *On the asymptotic behavior of nonexpansive maps in Banach spaces*, Bull. Korean Math. Soc. **18** (1981), 1–2. MR 83c:47078. Zbl 527.47036.
- f. (with B.E. Rhoades) *Some fixed point theorems*, Sem. in Math. Lecture Note Series, Yonsei Univ. **2** (1981), 113–125.
- g. (with S. Hong) *Fixed and periodic points of generalized contraction pairs*, Proc. Coll. Natur. Sci., SNU **6** (1981), 25–31. MR 85k:54053.
- h. *Remarks on F.E. Browder's fixed point theorems of contractive type*, Proc. Coll. Natur. Sci., SNU **6** (1981), 47–51. MR 86a:54054.
- i. (with J.S. Bae) *Extension of a fixed point theorem of Meir and Keeler*, Arkiv för Mat. **19** (1981), 223–228. MR 83e:54048. Zbl 483.47040.
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- b. (with J. Yoon) *Remarks on fixed point theorems on star-shaped sets*, J. Korean Math. Soc. **18** (1982), 135–140. MR 83k:54054. Zbl 485.54035.
- c. *A note on a theorem by Maiti and Babu*, Math. Sem. Notes, Kobe Univ. **10** (1982), 743–745.
- d. *On Kasahara's extension of the Caristi-Kirk fixed point theorem*, Math. Japon. **27** (1982), 509–512. MR 83m:54084. Zbl 483.54028.

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- f. (with J. Yoon) *On the Downing-Kirk generalization of Caristi's theorem*, Proc. Coll. Natur. Sci., SNU **7** (1982), 1–3.

### 1983

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- b. (with J.S. Bae) *Remarks on the Caristi-Kirk fixed point theorem*, Bull. Korean Math. Soc. **19** (1983), 57–60. MR 85c:54075. Zbl 519.54032.
- c. (with B.G. Kang) *On Banach type fixed point theorems in generalized complete metric spaces*, Proc. Coll. Natur. Sci., SNU **8** (1983), 29–37.
- d. (with W.K. Kim) *On the Frum-Ketkov type fixed point theorems*, Bull. Korean Math. Soc. **20** (1983), 5–8. MR 85k:47103. Zbl 545.47035.
- e. (with S. Yie) *Dimensions of  $G$ -product spaces*, Proc. Coll. Natur. Sci., SNU **8** (1983), 13–16.
- f. *A note on "Generalized iteration process" by T. Hu and G.-S. Yang*, Bull. Korean Math. Soc. **20** (1983), 69–70. MR 85j:26005. Zbl 597.47037.
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### 1984

- a. (with W.K. Kim) *Extensions of the weak contractions of Dugundji and Granas*, J. Korean Math. Soc. **21** (1984), 1–7. MR 85m:54052. Zbl 555.54027.
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- c. *Characterizations of metric completeness*, Colloq. Math. **49** (1984), 21–26. MR 86d:54042. Zbl 556.54021.
- d. *Remarks on fixed point theorems of Downing and Kirk for set-valued mapping in metric and Banach spaces*, Bull. Korean Math. Soc. **21** (1984), 55–60. MR 86c:54045. Zbl 555.54028.
- e. (with G.T. Jin) *Fixed points, inward maps, and star-shaped sets*, Ann. Math. Stat. **12** (1984), 45–53.

## 1985

- a. (with S. Yie) *Remarks on the Ekeland type fixed point theorem and directional contractions*, Math. Japon. **30** (1985), 435–439. MR 87h:54091. Zbl 582.47045.
- b. (with J.A. Park) *Remarks on surjectivity of  $\phi$ -accretive operators*, Bull. Korean Math. Soc. **22** (1985), 99–100. MR 87f:47086. Zbl 586.47053.
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- d. *On fixed points of set-valued directional contractions*, Internat. J. Math. & Math. Sci. **8** (1985), 663–667. MR 87h:54090. Zbl 586.54051.
- e. *Some applications of Ekeland's variational principle to fixed point theory*, Approximation Theory and Applications (S.P. Singh, ed.), Pitman Res. Notes Math. **133** (1985), pp.159–172. MR 87j:41002, 88c:47116. Zbl 582.47046\*.

## 1986

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- b. *Countable compactness, l.s.c. functions, and fixed points*, J. Korean Math. Soc. **23** (1986), 61–66. MR 88k:54075. Zbl 593.54044.
- c. (with B.E. Rhoades) *Comments on characterizations for metric completeness*, Math. Japon. **31** (1986), 95–97. MR 87m:54125. Zbl 593.54047.
- d. (with J.A. Park) *Surjectivity of generalized  $\phi$ -accretive operators*, Proc. Symp. Pure Math. Amer. Math. Soc. **45** (1986), Pt.2, 255–259. MR 87f:00018b, 88e:47098. Zbl 593.47050.
- e. (with S. Yie) *On certain Lipschitzian involutions in Banach spaces*, J. Korean Math. Soc. **23** (1986), 217–222. MR 88m:47090. Zbl 621.47051.
- f. (with S. Yie) *Fixed points of rotative Lipschitzian maps*, Bull. Korean Math. Soc. **23** (1986), 155–160. MR 88k:47075. Zbl 621.47052.

## 1987

- a. *Common fixed points of maps on topological vector spaces having sufficiently many linear functionals*, J. Korean Math. Soc. **24** (1987), 59–63. MR 88e:47101. Zbl 634.47054.

- b. *On generalizations of Ky Fan's theorems on best approximations*, Numer. Funct. Anal. and Optimiz. **9** (1987), 619–628. MR 88h:41044. Zbl 642.41017.
- c. *Equivalent formulations of Zorn's lemma and other maximum principles*, J. Korea Soc. Math. Educ. **25** (1987), 19–24.
- d. *Partial orders and metric completeness*, Proc. Coll. Natur. Sci., SNU **12** (1987), 11–17.
- e. (with W. K. Kim) *On generalized KKM-theorems*, J. Korean Math. Soc. **24** (1987), 199–206. MR 89a:47081. Zbl 813.47062.
- f. (with J.A. Park) *Some approximations of solutions of the Lions-Stampacchia variational inequality*, Bull. Korean Math. Soc. **24** (1987), 127–129. MR 89d:47134. Zbl 693.47047.
- g. *Some general theorems on common fixed points*, Kobe J. Math. **4** (1987), 141–145. MR 89e:54095. Zbl 646.54043.
- h. (with B.E. Rhoades) *Comments on Istratescu's convex contraction maps and maps with convex diminishing diameters*, Jñānābha **17** (1987), 141–147. MR 89d:54038. Zbl 642.54043.

### 1988

- a. (with B.E. Rhoades) *Some fixed point theorems for expansion mappings*, Math. Japon. **33** (1988), 129–132. MR 89d:54039. Zbl 642.54041.
- b. *Fixed point theorems on compact convex sets in topological vector spaces*, Contemp. Math. Amer. Math. Soc. **72** (1988), 183–191. MR 89c:00036, 89i:47111. Zbl 672.47046.
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### 1989

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- b. *Generalizations of Ky Fan's matching theorems and their applications*, J. Math. Anal. Appl. **141** (1989), 164–176. MR 91b:47130. Zbl 681.47028.

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- d. (with I. Kim) *Nonlinear variational inequalities and fixed point theorems*, Bull. Korean Math. Soc. **26** (1989), 139–149. MR 91a:47081. Zbl 701.49018.
- e. *Fixed point theorems on compact convex sets in topological vector spaces, II*, J. Korean Math. Soc. **26** (1989), 175–179. MR 90k:47117. Zbl 722.47051.
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### 1990

- a. (with B.G. Kang) *On generalized ordering principles in nonlinear analysis*, Nonlinear Analysis, TMA **14** (1990), 159–165. MR 90m:54093. Zbl 712.54022.
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- c. (with S.K. Kim) *On generalized extremal principles*, Bull. Korean Math. Soc. **27** (1990), 49–52. MR 91e:49016. Zbl 716.49007.
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- e. *Generalized matching theorems for closed coverings of convex sets*, Numer. Funct. Anal. and Optimiz. **11** (1990), 101–110. MR 91h:52001. Zbl 706.52001.
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### 1991

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- b. *A generalization of the Brouwer fixed point theorem*, Bull. Korean Math. Soc. **28** (1991), 33–37. MR 92i:47069. Zbl 734.47033.

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- d. *Remarks on some variational inequalities*, Bull. Korean Math. Soc. **28** (1991), 163–174. MR 93b:49011. Zbl 753.47035.
- e. *Generalizations of Ky Fan's matching theorems and their applications, II*, J. Korean Math. Soc. **28** (1991), 275–283. MR 93e:47078. Zbl 813.47063.
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#### 1994

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- c. *Remarks on generalizations of best approximation theorems*, Honam Math. J. **16** (1994), 27–39. MR 95i:41051.
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- i. *Fixed points of condensing maps on spheres satisfying the Leray-Schauder condition*, Indian J. Math. **36** (1994), 229–234. MR 97a:47098. Zbl 873.47036.

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## 1997

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- b. (with H. Kim) *Foundations of the KKM theory on generalized convex spaces*, J. Math. Anal. Appl. **209** (1997), 551–571. MR 98j:47134. Zbl 873.54048. [Since 2000, this article has had (more than) 59 citations, which means that the number of citations this article received places it in the top 1% within mathematics according to *Essential Science Indicators*<sup>SM</sup>.]
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[2019. 4. 23.] According to MathSciNet of the American Mathematical Society, Sehie Park has 298 publications and is cited 1573 times by 426 authors.

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